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<210> 6344
<211> 575
<212> DNA
<213> *Aspergillus nidulans*

<400> 6344

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ggggcgggcg gttcagagtc tgagctcata ctatcaacat agcacgagtt agacgcagct 180
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<210> 6345
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 <213> *Aspergillus nidulans*

<400> 6345
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 gcatcagga agccactctc gatcttctc ttcaggcgt gtcagcgcg gcgcgtcgga 360
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<210> 6346
 <211> 583
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6346
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 gggactcact tcgtgacggg accatggacg gcatgttgcc ggtgattata aatctgcaag 180
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 tcacgagtga taataagaaa gctgtggtag gggagcagct agcttgtcca cgccaaggac 300
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gacctatctc gctagttggg cgtacttggt tactgttgtc tgattttcat ccggcctata 480
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6347

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caggcaaaga gaagcaaaca cacgcgccac agagggaaac ccagccgccg ccaaacaaag 180
cggacgcaag aatcaaccaa agganattcg tattcggtgg cgttaagctt atggcaggat 240
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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6348

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gcccgcgagt gtttgaggagg agctgaaaat aattgttaga aagtacttag cgttatttag 180
gagatagact cagccttgcc tttcgccata tttaacgtgg tcgtataaat tgtgttttgc 240

gtagaatatt tttgtggaga cgcctatcga taaaacacgg ttacggggaga ctacaccggc 300
 cagaagcgca actggggcgc ttacatgcag gcgatctgca ggtgcttcct cctccataca 360
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 tgcttcattt gccagagcct tgtgggacct tgcncgctac ttaactccct tccgcatcat 660
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 ctacagctagg gtttttttgt taaaaccctt gtggaaaaaa acacttcctc cgggtagaac 840
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 attactgggg aaaatttttt gcccaactta aaaatattg 939

<210> 6349
 <211> 625
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6349
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 tcgtcaattc ctgcgagccg tataggactg ggtgggtcttg gaagtctctg ccgacggcag 180
 gaagatcgat aacttggttca acaccagac catggaggac gtctgatgag cctattcccg 240
 agagttgcag gatcttgggc gtatgtatcg caccggcggc catgatgatt tcttttcgag 300
 cccgtacctt gcggcgctct gcgccttggg gtataacatt aaaggtcggg tcatatccag 360
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 cgtgataatt ctgtctctca tttgaaagct catggtaagt tgttcgtccg tacgaacgct 480
 ctcggtgac tggatcaagc gagttcggac tccagaaacc tcctatagca ttggcagagc 540
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<210> 6350
 <211> 625
 <212> DNA
 <213> Aspergillus nidulans

<400> 6350

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agtatgagaa catcagcctc agtggaatca gtaagtacgg tatcgtggtg cagcaggatt  180
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ggagctgtga gaactttacg ttcagtgggg tcagcatcac ggggggtagt gatgatagct  360
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tctacagcta ggtagcatgt tcgaatagca gtccattgct gagcctaate tatttctagc  480
ggttaccaac ccaaagaacc tattgagcct ggttcttagg agccggagga gccggtcctt  540
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<210> 6351
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6351

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agggcttaca actgcagatg gggatcttag ctctgcacct ttgggataaa taggaatgaa  180
tgacttaggc tcctggacct ctgtgttttt atttgtgaaa tgggatgaca agggtcacct  240
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<210> 6352
 <211> 582

<212> DNA
<213> Aspergillus nidulans

<400> 6352

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acgcgggggac ggacaaagcg gaccccaggg acccacgaag accgaacgca ggaaggcccg 180
ccacgaccaa agccgggaga ccacgagcga cgagcagagg caacacgcga aggagccgac 240
ggagccggcg caggacagga aaccgcccgc ggacacggaa aaccaaagga ccgaacgacc 300
agacaggcca aggccaaaaa aagaaacaag gccagcggaa caactaacca actacgcgcc 360
cacgcacaaa ggccccaga acggccacaa gagccccac acaggacgag gccccagaa 420
acggcacacg cccaggggcc gcaggacgaa accagagcca gcccccaaa gcaacgaaaa 480
cggggcaacg ggcacgcagg gccacctcac agcgggagac ggcccacaaa acccaacagg 540
gaaaaggcg acctgccaac gggaaggcac caaccgacaa ca 582

<210> 6353

<211> 323

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6353

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cgcagcccac gggggggatc tggtgaccng cagcgggagg acacacaagc cgaccagga 120
aggaacccca acgccggcag aggaacacag anccaaccgg acaaccacga gaagcaggga 180
caaccggacg gaccacacga cccggcagac gcgcacgcgc cgcgagcgga gcggcacccg 240
ccgcaggcca cccgaggaga cacagacagg cccgaaaaga cacaggctga gcgcgcgagc 300
gcgcaggaga ccagcggaca gac 323

<210> 6354

<211> 716

<212> DNA

<213> Aspergillus nidulans

<400> 6354

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aatcagctg ttcgtacagt cgcccagtgt caaagccagc ttccagatgc gggaagaaat 180
cgcgggcgaa gatgagctgt gccgaacttt ctggattgaa gtcaatataa aggaagtcgt 240
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cagcgtttga tctgtcattc gagttctctg gagagagtgc tcggggccct tgtccttcaa 360
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tgtatagggg atgctctgcc acagtgacgg ctcaatagtc ccggctaagc ccgccgacga 660
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<210> 6355
<211> 533
<212> DNA
<213> *Aspergillus nidulans*

<400> 6355
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gcgtacttca cggggaatat cctcgccacg ccaaccgacg taaataccgg gagcatgttt 180
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cgaagaaagg tgtcggagat cccgaggagt ctgttgatg taaaggatgg ttgcttgccg 420
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ccaaaaaatg aaccggacaa ttgacattcc gattaaaaaa gacgccgagg gga 533

<210> 6356
<211> 611
<212> DNA

<213> Aspergillus nidulans

<400> 6356

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gtgcctggca actggaagaa aaaagctgat gatgaagtca agatggaaag tgctcaagag 240
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gaaacgacag caccagggta cctgttaagc acgtcaagcc ggactgggac ataaccatgc 540
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<210> 6357

<211> 563

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6357

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atcccctgaag tttcgacaaa aactgacaat acctcttcgc ggccagcaat tacaggatca 180
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atctgagatt gtttagcttg atngggagta tgggtgtgggt gatttttgag gggcgctgca 480
tgcatttctc tgggtacaatc ggcaagccct ggctctgggg agatgtccta gcagctgcat 540
gactgaaaga tgtcatcaaa aaa 563

<210> 6358
 <211> 863
 <212> DNA
 <213> Aspergillus nidulans

<400> 6358

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<210> 6359
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6359

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<210> 6360
 <211> 638

<212> DNA
<213> Aspergillus nidulans

<400> 6360

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cgttaaagtc atccgttatg ctctgaact ccaagccgat attctagctc tcatcactga 240
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tcgacgtttg aagactatca aggagaacat cctcaactg gacggcatga ttgacacact 480
gttcgaatac tacgcaccac cttcacatc aggcaccctt gacgacaagg aaaatgctct 540
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<210> 6361
<211> 492
<212> DNA
<213> Aspergillus nidulans

<400> 6361

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tctctttccc ttttttttct ttatttcacc agcattggga tgcgcctgga cttcattctc 180
tcaccatttc tttgcttttc ttcaattccc cattgtctct ttccttctaa ctgtatcttt 240
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ttgcgatgtc aaagtatgta atgtgcaaag acctttgagg ttgtcgtttt agcagccgaa 360
ttgaagtgtg caagtcggtt ttcattgtct cattcatatg acatggctgt cttacgatca 420
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<210> 6362
 <211> 828
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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acgggcatat cggcagcagc ccgcgagtct cgcctcaaag atgggtggctc tgccatagca 180
gcattgcgac tgacgccgtc atcctcggtt tcatcccgcc cccatgcctg cgcaagccgt 240
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cggacagccg cgctgacttc cacgtcagaa agggcgctct gcatttctc ccagagcgca 360
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gcgtcgagag gcttttgtga agagcgctg cgatgcaaca gagggatttg cgaccattt 480
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agatggaaca ctccaaatgc agtaactcga tgctatggct cttatcggtt atcgntatcg 780
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<210> 6363
 <211> 644
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6363

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cagtttcgct ccgctcccag gcggcggtga tgcagtaaga ttatcccagc ttgagggggc 180
tataaaggag ggttttactc cttctggaag tggagcgtgg tacgaggcgg ttgtgccgtg 240
ggttgtgcgg cagaggggtgc aatggcacag atgcgcgcgg agcgggaggg aggttggttc 300
  
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aacggtaagg gcgaagtgag tggaacgaca gtggcaacgg atcgttagt tttttgtaga 360
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tgaggaaagg ctgcagaggt tttagtgctt ttgtatacga tgcggggtaa cagatgggct 480
gacgttatcc tgcattgacg gacttgctta taaatatcaa atctaata tctagcacga 540
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<210> 6364
<211> 596
<212> DNA
<213> Aspergillus nidulans

<400> 6364

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aaaagacagg agagcggcaa caaagatcat cactggcctg accaccgagg gcgcccgct 180
gagactacgg cacaggaccc aaccgacgca gcacagcggg caciaacggg ccgttctcgg 240
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ccaacactga gacctaacgc tggagccagc ccgagtccca gtaccaggag gaacctggc 480
aagacctgcc aggggtagca acggacaatg ccagcttcaa tgacgagacg aagactgaca 540
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<210> 6365
<211> 1240
<212> DNA
<213> Aspergillus nidulans

<400> 6365

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aggttgcaca cccgtgcttc gccccgttaa ctgggatctc cttgaacgga accgcttttg 240
 ggactcaagg tcttccggtc attgtaccaa ggtgttggac ctgcatcga ggtaagcttt 300
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<210> 6366
 <211> 632
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6366

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 aggaccaca gacaaacca ccagccaacg gaagagggcc aaaagcccca aagcaaggaa 180
 gaggcggacc acggaacaaa acgggcacac ggggaccgcc cagaacacgc agacccaaag 240
 ggcaagaaaa caaaagcngc gaccacagag gaacacaccg gcaaccgggg acggccaacg 300

actgcaacgg acggcagggg aaaggaaccg ccagacccgc acgaagacaa gccccggcga 360
 ccgggaacaa agctgcaccg aacacgccgc cgacacccca gcgaggccag acagcagacc 420
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 acagaaccag cggcacgaaa ggaaaggcca cacaccggcc caacacccgg gacaaggcca 540
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 gccacggaaa aaccgggaca aaccgcccag aa 632

<210> 6367
 <211> 730
 <212> DNA
 <213> Aspergillus nidulans

<400> 6367

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 gccctgatga tggccccaaa gcatggcaat acttccagga cggataaaaa gattttgtca 180
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 gcgaatcgca tcctaccggc tttttatacc catacaggtc taccttatcc gcggtgaat 600
 ctccgtcacg gagtgcacca gcagcctttt tacgccatt caccgtagaa tgcggatact 660
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 cagacatgca 730

<210> 6368
 <211> 370
 <212> DNA
 <213> Aspergillus nidulans

<400> 6368

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 ccttggttaga gtcagtcact caatagggga aataatttgg agtattttga ttaccaaatt 180
 gaaaagagca cgtttgtatt attatttaca agattttatg gatgattatt tattccgggt 240
 ctttgattgg aatggtcagt aggattgaga taatgattag ctcgggcctc tctatggctg 300
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 gcttaagcct 370

<210> 6369
 <211> 838
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6369

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 tgacggctgt ctagatgaag cactccagcg gtaccgggat ctgacgatgc aggaagtgtt 420
 caatacccgg gagcgaagcc tcacggagtt tcagcgactt ctggatgtca tcagcgacag 480
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<210> 6370

<211> 965
 <212> DNA
 <213> Aspergillus nidulans

<400> 6370

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ccatcgcggc gactttctcat cggcaccccc aacgacagcc ttaaccatt gttcacgac 180
caatttccta ggcccaggcc cgcccatgg tatccgcgga tcttccgact ctctgctctg 240
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gacgggttgg tcccatattg ccggagctgc tagcagctgt gaagcgagta gtgtaatgtt 360
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gaagatgtta gctgttgc ttaaacagac cgagaagctt atcggcattg ttctgttacc 480
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caata 965

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<210> 6371
 <211> 501
 <212> DNA
 <213> Aspergillus nidulans

<400> 6371

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gcccgcgcag accagaacac aagaccagc acagagctgg cgaacaccag cgagagaaaa 180

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aaacatcgag tgggcaaccg ctcagccccg caaagggcag acatgaagcc gagacccagg 240
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 aaaaaggcgg acggcaacaa gaaacggggc cgggcgcccc gcgcggcccc agaaagggcc 360
 aaaacaccga ggccccgaca ccggagagag atggaaaccg cacgcacgaa caaaaaagcg 420
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<210> 6372
 <211> 583
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6372

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 gttctccctt cagttgcttt ccaatatagg gtactaacgc ggcttttcag ggccaaaaat 180
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<210> 6373
 <211> 812
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6373

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 tcccatcaac acaatcagtc tcaagtagtc ccccttcac attgaatcat ctggatgcga 180

ttcaatccaa gatgagttaa atcataacat gccccgtcat cttagagcct agtccaaggg 240
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 tatgggacga tgtttcttta tcttggtagg atgacaagta aactctcgca ttttaagctg 720
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 taaattttgt atttcaacaa tacgggagag ca 812

<210> 6374
 <211> 610
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6374

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 gagggacca caaacgcccc gccgggaacc aacaggggac ggggaacgag gggagaaagg 540
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<210> 6375
 <211> 612
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6375

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 cggccaaggc gaaacgaaag tgcacaaccc ccagaccatg agcaccagat atagacccca 420
 ccgtcgaatg gcaactgagg ggacaagcac ccgaagaacc ggaggcccaa aatccaagga 480
 aaataaaaaca agaaaagggc acgggaggaa ggatcacaag gcaaaacccc acccaaaaaca 540
 aagggcggac aaaccagga gcaaagtccg gcgtaaaaaa cagccgaagg caggaaaatg 600
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<210> 6376
 <211> 574
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6376

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 ggtatacaac gctctcgcca agatttacat cgacagcaac aacaattcaa agaagtttct 480
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574

<210> 6377
<211> 699
<212> DNA
<213> Aspergillus nidulans

<400> 6377

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<210> 6378
<211> 576
<212> DNA
<213> Aspergillus nidulans

<400> 6378

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gaacaaaaat ctccactatc acaaaccgac aactgcccc a ttgattaaga gtatcagtga 420
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<210> 6379
 <211> 722
 <212> DNA
 <213> Aspergillus nidulans

<400> 6379

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<210> 6380
 <211> 1103
 <212> DNA
 <213> Aspergillus nidulans

<400> 6380

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 attggccatg gtcccgcca ttg 1103

<210> 6381
 <211> 970
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6381

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 gccattgctt tacacatttc gcatatactg tctcagcgt tcaggaggat cagcgagaag 300

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 ctgtcgggag ctatagtgtc agcagctact ccgaataccc tggagcaggt ggataccgat 480
 cgcaatatgg accgatcgac cattgacgat atagtatctc gcgtcgggaag acttcgctgt 540
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<210> 6382
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6382

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 caagaaacaa ggccagcatg tcgccggcgc tggcttcctc aacctgtcaa tcatcttcgc 180
 ctggttgtaa gtgtcttagt ggtccggggg acaccgggcc accacccgc gtgcttgctg 240
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 gcaagctgca gacagatttc gggctagtgc agccggccat tcacaccaa aagaaaatct 480
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<210> 6383
 <211> 1041
 <212> DNA
 <213> Aspergillus nidulans

<400> 6383

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catgaatcca tgatatatat atttgacctt ttccctgtttg ttagtttcta cgtgggtccag  180
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ctacagctta ggaaagtttt gaattattgc ctattttctg aagagaagt caagggggaa  300
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aaaaagaaac accaaatact ctttcacccct gccacagatt tcttgcatct cacattcctg  420
tagaacacca ttatccctac agtgataaat tcctattatt ttgaacacga tctgcttttg  480
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<210> 6384
 <211> 1395
 <212> DNA
 <213> Aspergillus nidulans

<400> 6384

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 caaaaaaggc cttgggggaa cgacccgggc ccaccattcc cggtaagtgc cctgggcttt 300
 tctaagggaa aagggccata aaagcttggt ccctccgggg ggttctaagg cgatacaggt 360
 aaattaaacc ttaagacccc cattaagctt gtttaaattt cccccagaaa gtgcaagtcg 420
 gagcctgacc cccatgttaa gtaattggcc tttccatcga ctgcaacttg gcctatagcc 480
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<210> 6385
 <211> 478
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6385

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 acagccgcaa agacaacgcg ccctcgacca gagaaaccac cgatgccctc cacaaacgcg 240
 agacgcggac ccaacacata acccctatga acggaatccc aaccactggc agcgcaaggc 300
 cagagcccag gagcgacgg aatagagcct ggaccaacaa gagcgcccct gcgaccccc 360
 cagacgaaca ctggcccaca gagacacaaa actggaggcc gagacaacaa actgacgcga 420
 atccgctgat agcgaacgca agaccccgcc cagggcaccg attaaggccc aaagcccc 478

<210> 6386
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6386
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 atcccattct attatctgtc taatatcccg cgaggtagaa gtacgttcaa acctcgaggt 180
 aatgagtata agaatcaatg tcgttccgag agctaaaggc gtataattag aggggactac 240
 tactgcaact actacatcaa gccatctatt ccggagcata tggcgtctca taaggcctct 300
 cagcctgggg ggtgatacgc gccaaatgac gacgctctcc cgtcgtccag tcgacaatcg 360
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 tgaatggata cttacatccc aaacaacgac cgtccttggc gccacttga tccgggcctg 480
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<210> 6387
 <211> 456
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6387
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atgaaccca acaaaggctg aggacacgga gggagcgcaa aggcgcgcat acgagcacc 180
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aaccgggcac caagacccaa agacaggac agggccaggc gacagagccg gcgcggccag 300
acgcaacagg gcacggtgaa agagacagac acgaagcgca ggacccccgg cacaaggggc 360
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<210> 6388
<211> 585
<212> DNA
<213> *Aspergillus nidulans*

<400> 6388

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tctttatgga aatgggtcaag tgcccgcgtt acctcagcga ggcactcgaa ctgcgtact 180
cctatccctc tcccctcgtt acagctgcca taccagacct ctatcagcga gtccaggaaa 240
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<210> 6389
<211> 721
<212> DNA
<213> *Aspergillus nidulans*

<400> 6389

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gtcacaacgt agagatttag agattgtaag agggtagcga tgagatgaag ggaaaagaga 180

aaagaaaaag ataatgcgtg ataacaggcg cgggtgggct agtgctggta tgcgaagggt 240
 tcgggttcat tagatatcat ggtagctta atagtacatt gactagaaag gttcaaaatg 300
 aagagggcga aagttagagt ttgcatccac gactcctccc tgtcttgagg catagttttg 360
 ccagtgtgag tttggttgtc ctttgacgga agaagcagga cagattgtaa gtctttgctt 420
 tccatgaggt ggaaaacgac atctgctcat acccgccga cgggcatgtc gtgacgatgt 480
 agattccacg accattcagg aacgaccttg tctcgctcgt aaagaagacc gcagttatgt 540
 cagagtgtct atattcagat tagcagttgt aaagatgaac catgggtggg ttcgcatact 600
 catgggccag ctggaccgtc gcgtacagcc cataccgtg atccccatac caaacagttg 660
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<210> 6390
 <211> 913
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6390

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 ctgcaacccc ggggtgggacg cccgggacac aatctatact tttgaatctt caaatcgtct 180
 cgtctctttt caagcccagag ctcccaactc accgaccagt gagccaactc gtccagcttt 240
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<210> 6391
<211> 492
<212> DNA
<213> Aspergillus nidulans

<400> 6391

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aatggggctg cccccgacca tgagcgattc gcactcgctc cacgcacgat gacgctctga 420
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<210> 6392
<211> 660
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6392

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agtccaagag cgcaccgttc acataacaac caaccgagca acccgagcc ttgctgaatc 300
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gcttttccgc acaacaaca aacacctaca agacttaatg gtgagcccaa gcccggaatt 420
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 agacaaaggg agaaaacctg tcaacacaga cagcgaggaa atgcgacggc gcataactog 600
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<210> 6393
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6393

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 gtgaccgctg ccttccagag gcaacatcca gttgatccat accgaataat gggatcatcac 180
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<210> 6394
 <211> 466
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6394

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 ctcttgctgt cccgtcgttg gcctgccatt ccagcgagga cccaagacta cgaagttcag 360

caatagcccc gcgcagagag ccgaggtcgg ggccaggttt tacttcattc cgtcttttca 420
tgacctccag gtagagagtc ttagaaccgc tcttattctt tttgcg 466

<210> 6395
<211> 889
<212> DNA
<213> Aspergillus nidulans

<400> 6395

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cgaattccca ggcgtagtat tccatttctt gtgagcaggt catgtcagag cctctcaaga 480
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gtgaaggatt ctacgggaag cgcattccatg tccagattta gccgtttgga tttttctacc 840
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<210> 6396
<211> 1132
<212> DNA
<213> Aspergillus nidulans

<400> 6396

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gtggacttat cgtctgacag cgggctcacc aaggctctcg aacgctacgg tggcgtattc 180
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 gtttctttt ggtccaatgt ggtgtgttca gaccacccta tgcgccaatt gaccattgtc 1080
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<210> 6397
 <211> 505
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6397

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 gaagcaccac ccaaaccaca caccacaaaa ccacaacctc aacaacaac acacaaaaca 180
 cacacaccaa acaaaaacc accaccccca cccacacaac aacaacccca accaaccocc 240
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 aacaccccca acacaaaaca ccaccccaaa accaaaccca aacaaccca tcacctcccc 360

acaccaccaa cacaacaccc acaccaacaa cacaaccacc caacaccaac caccaccccc 420
ccaccacccc aaacacacaa aacccccacca acaaccaaaa ccacccccac acacacacac 480
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<210> 6398
<211> 471
<212> DNA
<213> *Aspergillus nidulans*

<400> 6398

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gcactagaga gatcacaact gatagaccac aacggagaac atgacggtta caaggaggga 180
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tggcagcata aggaacagat ccccgacttc caccctaaac cagacctgct cccccctcg 300
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acaaatcaac aggggcaaag tggaaacccg tacacaaaaa cccgcgcccg cgaggaataa 420
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<210> 6399
<211> 561
<212> DNA
<213> *Aspergillus nidulans*

<400> 6399

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gctgcaaccc gaaatctttt gcatcatccg ggagagattc ctctcagac tcttcgccgt 420
cctctttctt ttcggccgcc tctgctttcg cctcgtaacg tcttcccacg cattctgcaa 480

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<210> 6400
 <211> 986
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6400

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<210> 6401
 <211> 983
 <212> DNA
 <213> Aspergillus nidulans

<400> 6401

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tggaaggaac gacgtcgcgt tagcttcagt cacacaaaat ggtcctcatc ggaaagggcg 240
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<210> 6402

<211> 592

<212> DNA

<213> *Aspergillus nidulans*

<400> 6402

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ataggatatg catatctgac agcagcagtt gtttgcggtc atgtaatgag gacagaaatc 180
taagccggta atagtacaga agttgatatc atgtcgtatc ccaactcaac atccaagcaa 240
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tagctcagaa ataatctaaa tcgttagtcg tatcgttgaa acaattatcc gggaaccatc 360
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gtataacggt cccgttcccc acgtggggccc ggacaccggc tgcgtctgag actgatatgc 480
catcccaggc tcatacgtcg ggagctggcc gcctagactg ggattatgag ttcgggtata 540
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<210> 6403
<211> 559
<212> DNA
<213> *Aspergillus nidulans*

<400> 6403

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acacaacccc actaaccccc cccccacccc accccaccca caccacaacc ccaacacccc 180
accaaccccc accaccaaca ccaaccaccc caacacccca accaaacttc ccaccacccc 240
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caaaccacac ccaccaccac acacaccacc caccgaacc cccaacacca ccccaccaca 360
accaccacc caccacaca ccaaccaccc accctaacac ccatcccaac acccaatcaa 420
ccaccacaca caaccccaga ccacccccaa caaccacca caaacaacac aaacccaaaa 480
ccccacacc aaaccccaac cccacaacc accactcaca caacaaccaa aaccccaaca 540
ccaccccaac acccaacac 559

<210> 6404
<211> 969
<212> DNA
<213> *Aspergillus nidulans*

<400> 6404

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acataagcac atcttaccgg tcgccatatc gatggcctcc caagctgtgt gggagaagca 180
cccgatacc gactgtgacg agctgttgaa actctcagat agtatgattg ttcttgccgc 240

ttctgcccgg gattaggagg gtgcattttg tccggttatt cgcccaaagg ttattatgct 300
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 aaaacctagt ctactagag taagttaata ctgtcgtcaa attgattgaa aaactaattc 420
 tggtagcggg ggtgatgtta gggaagacgc tactcaatac ctgtagctgg agctgcagtc 480
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 cccagcggct tactttgttg tgaaatcggg cgcagttaga aattttcacc tacaatgcct 600
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 ggctccttaa aatgctttaa ggaattgccc ccaaactcct aatttccgtc ccttagtttt 840
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<210> 6405
 <211> 436
 <212> DNA
 <213> *Aspergillus nidulans*

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 ggacggagat agatggcctt atgacgatgt gtgtctgctt ggctgagcta ggatgctccg 360
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<210> 6406
 <211> 548
 <212> DNA

<213> Aspergillus nidulans

<400> 6406

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tcctacgatg ggcatgagcg actgggcatc tgtagaacca gtctcgtcaa cactggcagc 180
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catcatcaaa acggcagtcg gcaaagcccc ccacactcta acaaaggttc ctgatccaaa 480
aatcctcggc gaaaaggctt gcgctccgtt atacgtttgg ctggcggtcc cacttcaaca 540
cctgtcgg 548

<210> 6407

<211> 998

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6407

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cctcctatct cccctttatt ttcttctct ccttctccc tttcttttat ctttctcccc 180
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ttcttctaac ttttctctcc ttctctcca taatecctt ttcttctct ctctatcctt 480
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<210> 6408
 <211> 699
 <212> DNA
 <213> *Aspergillus nidulans*

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 actgtgagcg ttccagcttg tttagagcgc gacactgcag ccctgaatga tgcgacctgt 660
 ctatggaccc ccatcggggtt caaatgtttg cgtgtgaga 699

<210> 6409
 <211> 737
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6409
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<210> 6410
 <211> 549
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6410

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<210> 6411
 <211> 504
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6411
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 taactgcaca ctgtgattct taaggtagca tacacgggtt gacactaccc cgctgtccct 420
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 agtaactaga aagcacggac cttc 504

<210> 6412
 <211> 798
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6412
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 agaaccggcc tttttatcat agcactatcg tcctatactt gaaattagta cgtcatgtga 180
 ggacttggtg atttctcaca cggcccggcc aacttcaagc ggccgcatct cataactcaac 240
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 tagccgcagg atactctcct ggctgccctc cggggtggtg ctaatgttgt ttgtgataaa 360
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gagaaagact catgatttga gggcaagctt tacttccatg ttgagtcccg ccgattgtat 720
aaacttggca gctgaaagca cttgacatag ccacgcaca cccctatta ggtagaatga 780
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<210> 6413
<211> 461
<212> DNA
<213> Aspergillus nidulans

<400> 6413

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<210> 6414
<211> 743
<212> DNA
<213> Aspergillus nidulans

<400> 6414

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tcaacaacca gcacagtaag aaacagtga tccgccctcg aaaatgacgc ctttcagcat 180
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 ctttgtctgc tccagggtcc tgcgcagtgg ggcttccgta acgttcagct ggcgttgact 660
 gcccgttcgt gaccaaggc ggtgtcatat taaggactca ctggggcccg tcattgggagt 720
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<210> 6415
 <211> 785
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6415

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 caccagtaa tggacgaggt ataagaacat ggcataaaag gcagttaaac gcaagaaaga 720
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 gccac 785

<210> 6416
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6416

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catgcatctc ttattggcat tggccgggct ggattatttt catcctgatg gcaaccctga 420
cgcagacctt gctgtgggga gtgagtcaag ggcggatcaa tccacttcga tgagcgtaga 480
gcatcacctg cag 493

<210> 6417
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 6417

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ttggacatcc acatacaatt atatccatc cacatacaat tatatcccat ccacatacaa 360
ttatatccct acaaggtacc atcaagaatc tggaattgac gtgggtttgg gcgactactt 420
gggtattcat ttgaggagcc cactcttctc tgtttatgtc tacatcttct tacgaagaag 480
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<210> 6418
<211> 1135
<212> DNA
<213> Aspergillus nidulans

<400> 6418

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 cctggtgtgg acagggacca gctccaggac atcaccttcc aagtctgctt gggatcccggt 240
 atcgccgaca ttggtcccaa cgggtgctggt aaatccaccc ttgtcgatgt cttgaccggg 300
 gagaagattg ccaccgcggg tgaagtctac caccacgaga acatccgtat tgcctacatt 360
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 cagtggcggt tccagactgg tgaggatcgt gagaccatgg atcgtgccaa caagcaggtc 480
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 cttgcttggg gagaacattg gcatgaagag tgagaagtgg acgcccata gaaccactga 660
 caacgcctgg attccccgta acgagatcat ggagtcttac tccaagaagg ttgccgagat 720
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 tctttttctt gctcttttat ttttttccg ttataacttt cttctcctta ctttagttct 1080
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<210> 6419
 <211> 663
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6419

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 gcatgggctc ccgttggcgg gatgaataat aggtgggtga gcgtcccgaa gacggcagtc 180
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atcttaccga attcggaaat tccccgttca acgacgcata tctttttcca ggggttctga 300
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 agtgaccgcc ggcccacacg tgctgtttt tcccagcaaa acctgcccag cagccgcctt 420
 tcattatcaa gtcaagcccg tcttgacagg attgcgactc gagcagggag caggtcaagt 480
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 ctagaactct ggctgtagaa ctctggcctg agtagatttc gccgctcccg nctcccngc 600
 aacttagcca acagcgaact tcaacaagga aagtggcccc ttttcgtttg ctttaaggcc 660
 ttg 663

<210> 6420
 <211> 645
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6420
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 cccagccaac accgccagac ggacaatcga cgccacagga aagacgacca gccaacaccc 180
 acgcaccaga accccaccgc acaacacccc cccacacccc acccacgcac acgccaccgc 240
 aaccacgcac acccacccaa ccagccccac caccataccc aaaaacacca aaccccacac 300
 acaccacaaa cccaccaaac ccacaaccac cgacaacccc cccacccaa cccccaccaa 360
 cccccccac ccacacaacc ccacactcac caccctaca aacacacccc acccaactcc 420
 ccctaaccac ccccccccc accgaaacca cccaaaacat caattccaca caccaacacc 480
 ccacaaccac aacaccaacc acccaccacc acaccaccaa aacaaccacc ccaccccccc 540
 ccacacccaa acaccaccac cccccgcac caccacacac gcaccaccaa ccacacaccc 600
 aacccacaca acccacccaa ccaacaccca cccacccaa cccc 645

<210> 6421
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6421

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cacagtgaca gtggttcagg tgagctaagc ctagagcggg ctgttataca gatgggcttg 180
gaggaccgct gttgagtaga aacggtcagc gaggggcttg tatctgctga tgaggcgctt 240
gcttctttgc atgcctacgt aagcatacac agatgatata ttggtgctaa cactgaatgc 300
cgccacttac acatggggct aaaggacgca gctgcaaagc actgctcact acacgagaca 360
tctagagcac agtttattat gttgcgacac tcgcatgact atcagaccat ttactgagac 420
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<210> 6422
<211> 717
<212> DNA
<213> *Aspergillus nidulans*

<400> 6422
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ctcacctccc aagccccgcc ccaatgcgcc agataatggt ggtaaaccct cccttccaag 180
gtcacatgct ggctacccg aacgaccata tctgagtgg gtttcacgta gacgatggga 240
ggttcacgag ggtatgtgtt gggaatccat aacgcgatag ggaatttgta cactgtcccg 300
cgaaaagtga cgggtaatgt gcccagagat tgcaggagca acgcagagaa tccgttctcg 360
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actgtagact gcggtttcag gggcaagtgt gggaaatttg gccaggacat ttgctacgtc 480
gtagtaagtc cggttggggc cctgatatgt ttgcttgggt cgtagtgatc ctggtaaagt 540
tagcacgaat atccgcaaat gacaattccg aaatctcacc ctgatcagaa cgctgtacag 600
ccaagtcagc gtcctctgtg ggactgacgc catatcgagg gagctctgga gagaagtggg 660
gagatgagtc cgacagcgat accgcagcac gaaagcagag catcgcatcc ccgagtc 717

<210> 6423
<211> 1005
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6423

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agcgatcagg tccgtcacta cctgcgccag atactcacc ctcctaccgg tagttctggc 180
tcaatggccc tctttggcct acaaggcggg cccgccacat ccaagacctc gatcctccgc 240
cgcgggagtg tccatcctgc ttggcgacgc gcgtacgcgc atctcatgac ctacggcgca 300
ccggtcaatg actctgctga tgcaaggcg gcgctggaga caggcgagtg ttggtacgag 360
gggcatatcg aaccagtatg gaggaagtgg accggtgaag aggggtgggag ctatgcaaac 420
gagggtaatg tgttttagcag cacgtggaag gaggactttt acggtccgag ggactcaagg 480
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tgggcccgct tgggagcgat gagtgggagt atgatctgca tactggactg ctttgcaaag 600
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tncaaactca taatgcaccc accggttttg agcatattgc attgttgtgg gagtaacaca 720
atttggctgt tattaccttg aaggcgacaa ctctggccag cgaaggaaat tgaaaactta 780
ctctgttcca tgacctgct ttgtaccgtt gggctgtggt tcgggtaaaa aacaaacggc 840
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cctttttttt ttattgtttt taaaaaaaaac ccctgggggg ggggggagaa aaacaaaaaa 960
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<210> 6424
<211> 535
<212> DNA
<213> *Aspergillus nidulans*

<400> 6424

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cctgtgtctg cgagagacgg tcggaccaga cgaggtctgc cgctaaaagg agcgagcctg 120
gcttggccgt ctagacgcgc gcttcctgga taggcacaac aggcgttggc taattgctac 180
tctactagcg aacatagtgt caggctctat gcgcgttgac cacattacct actacagcac 240
cgacagatat ggcgagctgc actacacctg cagctacatg ctgctattgg tcaatctcgt 300

caaacgtatg gacaacgcta ttgaagctga ggcacataat acctaattgcg acactaatgc 360
aagacgaact gaggttgcca cggaacact gagcagcact tcctagctag actgtaggat 420
atttcacga agcgtaccaa aggcattctcc aggctgtccc attggcctgg gactggacgg 480
tcgggttttc tagcgtttga tgcagcagca cgacggagga taacattctgg acgcg 535

<210> 6425
<211> 937
<212> DNA
<213> *Aspergillus nidulans*

<400> 6425

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tcaggaaaga gagaaattag tggaagggaa gggatggagg gggagaggag gatattgagga 120
ggaagaggaa gagtaattga gaggagaatg ggaagagagg aaagtaagag ggatgatggg 180
gaggtgtaag aaaaaatagg gaatagagga ggagaggagg tagtgtaagg aaaagggaga 240
ggaaaataat agtatgggtt ggcatgggta ggggcaaata ggggagagga gttaaagatg 300
ggaggttgga aaaaaaagag agagaaaggt atgaggggtg taaaaagggg ggtgataaaa 360
aataaaaagg gaataggtat gggtaagtat tgacatggcc aagaatggcc acacaggaac 420
cagtgcacag ccttttttca caccggtaag gatcgataat aggtgggtgtt ctatccacgg 480
gagccccctt ttaaattagt ttgtacctcg cttagtatat ttatccccca atgacttcga 540
ggttatcgaa ttcccttatt cttcgtata catccgcata tatatataac gtctgtctat 600
tcttgtagac tcatatcctt gttatactct gttatacggt gttatatatc tttgccacct 660
gaggtgtctt gaagagagtt ccccttccat ctccagattt gacttccatc aacagggtctc 720
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caacgtcgaa cgctgcgtga tcgctgagaa acgccattta tgcgcaatct ggctcctat 840
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aagccttgcc ttttcgagac ccggggaatt agatcgc 937

<210> 6426
<211> 525
<212> DNA
<213> *Aspergillus nidulans*

<400> 6426

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agtcttcttt tttttcttct ttcttccttg gtttcttttc tattcccccc ccccccaac 180

cccttccaag tagttgaact ggcatttctc tgagtattca tgttcttaaa acgtggacga 240

tccgggggtga gcagaacgga gtataccaat caataaattc tgcataatgca gccatttatc 300

tggaacagtg ggggtttactc aataaggctg tataggatac ctcaatgctg gcgctgatca 360

ttttctcact agtactgaac tttgatggac aggaggctct tccatccaat ggacaacatg 420

caacacaagg cccaagtcac gattctatga tacactaccg ggacattatg atgatattgg 480

ctatgccgta tatgactttg cgccccaaa ttatctaccc atgggt 525

<210> 6427

<211> 665

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6427

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atccgtacct ctgggatatg tccacatcgc ggacgacggt gtggcacgag cttacgacga 120

aaacgaatcc gtcattgact atgttccctt gaccaatgac cagctcaagc atctgcttca 180

gaaccttccc gaagcatgga agaaggaaga ggatcatttg cacgctgtct tcgatgctgt 240

cgacggacgc gaagttacag atgaaaaaca gttgcttgaa cctcctgctg agcttcgaaa 300

ccccatgaat catcaggcac ctcatgcgaa gcgcgaagcc aaccctctcc agcaggctga 360

ctactactgc gtaggccaac cttgcaccag tggatgatgct tgtcggttct tgggctgccg 420

gggctgtgcy cagattgatg ctgccttacc aggaggagga ggggtgttgc ttttagtgaa 480

aagattggaa cctttctgtt gccctacacc ttgccatctt nctaaatagg ccagtgcctt 540

ccacagctgn ttccttggtc tcttattcct ccatgaacga tagtctacac atcggcttag 600

tgcaatcctg tctccttctt tccttatctc tttgtcgaag cctttttcag attgcgagaa 660

aaaat 665

<210> 6428
 <211> 511
 <212> DNA
 <213> Aspergillus nidulans

<400> 6428

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 aaagacttct ttgcgctgag agtgggtgtct cgcgctatga ctgaaggggc ttccatggat 120
 gctaatactg atgatgggct ttgcgcgttt cactgctcat tattcggacc tagcgtagca 180
 cataccatca gcatagctcg tgctgcaaca tatagcttgt actttggggc cccaatcatg 240
 tctatagact cttggagcat gtatacgctt gtaaccgcat acatggtcgc acagtcggat 300
 tacataagca tcttgaacgt gtacgcctca agcagctggc atgatacgtc atggggcacc 360
 agaggccatg acaaggcggg agccgatcat tctgccatga ctacaggagg ctaaggagaa 420
 gaggctggaa tcgagcaact ggataaagcg catgactgaa tcgaacgtga aatggaggca 480
 acacacacac gtgccatggc ttcgtctgtt a 511

<210> 6429
 <211> 618
 <212> DNA
 <213> Aspergillus nidulans

<400> 6429

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 aggtaggttg aagcagggca aggtctaaga aattccgttc gagagtcaga agaccagaa 180
 gccaaagcag gagagggccg ttcgcggggc aatacgagga gaagagaaag cagaagaata 240
 atatgcactg cggcaccggc ggtaagctg gactcgaggc tgcgcgactg cgagaccgcg 300
 aactagacc gaactcaatc gagcgatcca agtcctcgac caagtgcact acccaacaga 360
 gaatgcggag acgatctgcg ggaccgtccg cagcgctcaa tcaagggttc gctttagcga 420
 agaagaggac ggggcttgag cctttcgaag ggaagtgacg cctgccgata gaatgcagag 480
 catatagtac gagcaggatc tcgctgcat ctgatcaag gcgtgccgac gacgctgaca 540
 ggttcaggat acggagggat gcagtgatgc agtgatgctg atgcagggtg aacgggccct 600

cgtgctcaac gccagca

618

<210> 6430

<211> 551

<212> DNA

<213> *Aspergillus nidulans*

<400> 6430

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gcccgacccc ggggggggga aaaaaaacg acgacggggg ggacaccacc cccaaccac 120
aagccaagcc cggcctcggc aacccccccc aacaaaggag gcacacaagc cccaagagga 180
aacccaaaca aagcaggcga ccaacccccca ccagaaccac ggacgagaca ccccgaggag 240
cgaaagcaac ggcaagcccg aaaacccccga cccaacagc caggcaaacc cccccggaca 300
accaaccccc aaggggccaaa gacacgcacc ccacctcaga caaaaggggc ccccaaaaac 360
cgcaaaccga caagaccccc agacacacca acacgacccg gcaccccccg ccggccaaaa 420
aaggcgccac accagaacac ccccaaaagc caccgaaggg gaccccggcc acccagaccc 480
acggacccca caaccaaaca aacccccccc gccggccaac aaaccacca cgcggaacccg 540
aaaccacccc c 551

<210> 6431

<211> 575

<212> DNA

<213> *Aspergillus nidulans*

<400> 6431

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acagatcctt ctgactccag agagacgaga aaaagaagca cgtgcggttg cttacgcact 180
acggcacgta aatcctttcc actgccagct aggtggcagt ggtaccttc gcatatggag 240
tctgaagggc aataatcagt gaactaaagt atagcgcaag agtcactgcc agaatagcca 300
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tgctaacggt gactgaagga gggatatacg taccaacgta acacgttgca tgtaacctcc 420
cgtcccagcc aattcgtaa attatgacag gtaacggtca tcattctctg tgtactacac 480

cggggtgaaat agtcgctagt cgagtcctagt aaatcgggtc cttactattc gaggctagcg 540
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<210> 6432
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<400> 6432

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ctgtaaccga gtctgtcact gaaaatgctg ctgaagccga cagggtagaa cctgaagttg 180
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agccagtggc cgagaaaccc gcggcgaatg ctcttgaat tgaggctggt gcatcaactg 420
ttccccaaga aacgagttag gagttcgaag ccccttcaaa gccagctgct cctttggacg 480
aagcagccat tgtcgaagct cccgcagtcg catctgagga gcagaaactc gacgaagtca 540
ggcgatccga aatccggccc gagacatctc agcaagctcc tgaagaaaca acgccgggtcc 600
ccgagaaaga acccactgct cctgagccag ctgaatccaa ggttgaagtc aaagacgctg 660
aggtgcaccc cgtcgagagc gtggctacca cggaagaaac aaccgccgaa accccaaca 720
ctttggttgc tgggtcaagc caggaagacc cgacaggtcg aggagagaaa gtcttaagga 780
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cttaagattc accttctgca acgagaattt atttaaacgc gggttcccta ctgtcttggt 960
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<210> 6433
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 6433

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 gccaaatttt aatataacta aataattttt ggagtcatag taacagtttg aataaattta 180
 gtataaaagg ttaagcagag tatgcagctt gcttgtagat tatattatta gactttgaat 240
 tagtatacct gcctagtaag ttaactagaa tatecttatt attagtagaa caaggcttta 300
 aactatatat atttatagat tagaagaccc ctgtagagct gtcagctaag tctactagtt 360
 atagtaaaat actaagtata ggaaaataga aataggatgc ctgggagctt gcaagggaat 420
 atatagctag attataagaa tatataaagc agaacataga ctaaagatat ttataagttc 480
 tttaggtaga taattaaatt attctaagta tagataattg gaacttagct gcccaaagca 540
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 tctgtgc 607

<210> 6434
 <211> 537
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6434

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 tgtcaatcac gctgactgcg gatggtgagt gggcgaaagc tataactgga ttcggacgca 180
 gacaggatat gatcgagaca tgcataaacc acggaacata cttaccctg ggcctatgcc 240
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 ggtcactgaa caggcattgt cggactatca tgcacaactc ccagaccgag gctatagctg 420
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 ttaatagcgc tagcgatgcc actggcggat gctttgtact gaccaccag gagagag 537

<210> 6435
 <211> 609
 <212> DNA
 <213> *Aspergillus nidulans*

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 gggagcactc cttaacttg tcatccatcc ttaatattaa ttcattatcc accaccatct 960
 ccctctagag gtggtttcta attggatatt tttcaccca ctactcactt ccctatacac 1020
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<210> 6437
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6437

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 tcattcaaaa tggacttaat acctgctctg gaacggacat tacagggtca ggtcaagcca 180
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 aatcccatcc gtcccgactt cttccccca ccaacaaccc tccctctccg tcaactgttcg 360
 cacaacgaag actccacacc catcgacgaa acaagctgtc tgctctccct cctctcgctt 420
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<210> 6438
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6438

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 aaacaacaaa ccggaacacg aaaacgaca aaggaacaag gcacaccgca caaaggaccg 180

aacagcccaa caaggcgacc gcgcggcaca agaaccacca ccaggcccag ccgcacccac 240
 agacgcaaaa ccaaccaaaa ccaccagcc cgaaccgaaa ccaccgcaac caacagaaac 300
 aanaccgga cgaacggccc cacacacacc gcaagncaaa gaaaaaggac cccccaaga 360
 agggccccga aaaaaggaa cgcagaagaa aggacgcaaa acgaacccca aagccccaaa 420
 acgaaaaaca caaaaccggg caagccccca ggaccggaac acaagacagc gccaacgggc 480
 aaaaagacgg gaaacaccgc caaccaaaca aggcagaagg ccaaagggcg ggccaaaaaa 540
 aagaaagcca aaggaagccc cagggacc 568

<210> 6439
 <211> 764
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6439
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<210> 6440
 <211> 1076
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6440

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gttaataagg gccctggtac tcatacagac ccggagaacg ttgatgggaa agctggagca 180
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<210> 6441
<211> 580
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6441

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tttcatagat atcaacggtg cctggattaa ggataaatag attagctccg gaaccaatga 180

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aattgcccgg tggcctaacg acccaattat cgaccggttt cgtaattaag ttcagttgat 360
tgccgggatta agctgagaac atataggcgg aaaagaacat gctgcagcag atgctgatag 420
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<210> 6442
<211> 1109
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6442

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ttgcttcgcg taagccgaag agcccgctct atgcagacac tatgacacta cttaccgtga 180
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gcgggttcac cctaataccc ctgaaaacg cccctcccca ccctccccgg gggggggggg 960
gataaataat atctcccctt ccctacatac aaccccgccc attcctacac cataccctca 1020
nnnnnntaca tctccttgc taaacttaac actttcccct tctaattcta tactctcccc 1080
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<210> 6443
<211> 506
<212> DNA
<213> *Aspergillus nidulans*

<400> 6443

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<210> 6444
<211> 463
<212> DNA
<213> *Aspergillus nidulans*

<400> 6444

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catgggccat taacggatgt tctgaaaggc tacgagcgat tgtatcgact gaactgtata 180
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<210> 6445
 <211> 528
 <212> DNA
 <213> Aspergillus nidulans

<400> 6445

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 gtaaagacat ccacgccatt agtatatgcc acaggaaaca agcctttctc ctcgtcctgc 240
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 tcgccttcgc tcggcttcgt cgtgttcgca ttgaagaaga caatctcccc tgaggaggcc 360
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<210> 6446
 <211> 636
 <212> DNA
 <213> Aspergillus nidulans

<400> 6446

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 ggatagacgc tcgcgtcagg gccgtgatcg acgatgaagg ctaggaacgc gagaccaca 180
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 aatatgcaca tcattggtac tgggcagctg tggttgcaat tcggggtaaa cggagagatc 360
 ggtcgcggac tccaatgaga ttgaaaataa tgcccttttt ttatgttact gaggctgact 420
 gtacatgtga cacagaattg tacaacctcc cactcgactc gagcacggag ttgtgagggg 480

tgcacggagt tacacccatg cagacaggcg tctgagaacg tcttaggctg ggaccgctca 540
 ccttggcgga taaagatgat catgtatgac gattggcaga aagcacatat caagaatact 600
 gtgattctgc gtaccggact agagcgctact gacaca 636

<210> 6447
 <211> 619
 <212> DNA
 <213> Aspergillus nidulans

<400> 6447

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<210> 6448
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans

<400> 6448

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ccggttctaa ttggaggata atgattcggg acaagtggat tcaaggcaat ggtaataatg 480
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cgacagaatc cctgtaactg gccactttcg ggtccattaa aggccctcg atcaacgatt 780
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aaaaaaaccc ttcgtctcct 860

<210> 6449
<211> 815
<212> DNA
<213> *Aspergillus nidulans*

<400> 6449

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caagcccttt tcggggccaa aacccttaa gaaaaaac catccaacgg aaaggggggg 720
gaaaaaaaac gccttccctt ttagaggggg cggcggaatt ccctacccc gggggaaaaa 780

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815

<210> 6450
<211> 738
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6450

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gacatacgga tctctttt 738

<210> 6451
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 6451

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<210> 6452
 <211> 634
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6452

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<210> 6453
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6453

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aggcgagac tgaactcgcg aggcaacgta tcgaacagct gaagaagcag gggctcatca 480
gaaatcttca aaaatcacia ataatgtag acaagggaca gaaagatgtc aggaagtcgc 540
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<210> 6454

<211> 579

<212> DNA

<213> *Aspergillus nidulans*

<400> 6454

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aagagcctga tattcgatat ctggactccg aaccgtaggg acagtaagga tcgatcaagt 480
gagaatgcc a gtttctcgct aataccgtga cgagtcatcc gcagtcactg ttccagtcag 540
cccactcatt cactcattgt ttattgacc gaggcaaag 579

<210> 6455

<211> 602

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6455

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 <213> Aspergillus nidulans
 <400> 6456

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589

<210> 6457
<211> 443
<212> DNA
<213> Aspergillus nidulans

<400> 6457

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caaccgaacc ccgaggaaga cgaccgaccc cgataccac aaaggggcag gcagacgggg 180
gccaaaccaa gaaaaccac aggaccaccc acacggacac agggggccga agacgcataa 240
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actccaagct gaaacgcac ggccgatgaa acaaaggcg cacacaaaag aaccaacagc 360
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<210> 6458
<211> 496
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6458

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aacaaaatag agcccataac tgactcctcc catgacagta gccattatga accagtcacg 180
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<210> 6459
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6459

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cggggccaga actcccgatg aggtcaggac gctgcttgcg tcgcgtccgg ccatgccgac 240
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gatgatgtcg tcgtccggga cagcgggtgt ggatgttggc tctggtgtca tgggtgggat 360
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<210> 6460
 <211> 598
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6460

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 tgctatcggg taccgcca agagtcta tcgatcctca acttcttttc cctttgcgtt 420
 tcttcactgg cgacactgat gcgcaaatca agagtattcg tatacagtag agactgggtt 480
 attattgctt accaaagctc ggtgccgaac ccaccgacag tgccgtctgc tcccctgtat 540
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<210> 6461
 <211> 978
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6461

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 aggttatttg atgcagtagc agcagatgca ttgctgggat agaaatctac cagcagagtt 240
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 ggataccacg aaggggcca tggggatggg aaataacttt ggcaataaaa atttggttgg 720
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<210> 6462
 <211> 576
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6462

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 caagggaggg gaaaaaagag acaaaaaaaaa cgcacaggca aaggtcgaaa aaaagcacc 180
 cagccgacac ccggggggagc aggaaacccc caaagggggg agcaagagca ccaaccaaga 240
 gcagaacgag aaggaacacg gccgaaacag ccccaaagac caggcaagac ggacgacgaa 300
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 cgacccggga aggaagaacc caaccgaaaa ggcaacaaca aggaccagga ccgacaacgc 420
 ggcagcagcg gagcaaacag gaaggaacac cggaaaccca aaccacaacc gaaagaagaa 480
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<210> 6463
 <211> 500
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6463

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<210> 6464
 <211> 556
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6464

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 tggaaaaggc tgatgatatt caaccccgca cccctgagta tgccatgctt cctgcatatc 180
 ctcggtctcc ctcaagggtc caagtagcac tctacctag tatatcattc catccatact 240
 tcagcacctt caactttaca cttttcagct gtgactcttt ctaacccagc agcctaaatc 300
 tcaatccaaa ataatccctt ccaaacgaaa aacatcagag aaaatgtcct tccccttaac 360
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<210> 6465
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6465

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<210> 6466
 <211> 827
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6466

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 ccatttaccg gcttcgctca ttctcacgct ccatagcaac catagcctga ggtcttaggc 780
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<210> 6467
 <211> 957
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6467

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 ccttcttttc ttctttttct ctttcttttc gtttttattt ctctatctgt aattgttttt 900
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 <211> 734
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6468

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 ggcccattat cgagttatga tgtagggcat gaaatcactc gtctgggata aggcgagtct 660
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<210> 6469
 <211> 535
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6469

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<210> 6470
 <211> 189
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6470

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<210> 6471
 <211> 602
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6471

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cagaaaaaga gacaaaggaa ccaagacgag ccgagggccg agcaccacaa tgcccaaccc   180
gccaccaggc aagaacacga acgacgccgg cagaaccagg acagaaaggc cccaacaaaa   240
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6472

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ggcggagcag ctgcagcctc ggggtcggac tcggtttctt cttccactgg atcaacgtcg   180
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aacatgaata gcaatggaga ggaccgaagt acccaggaaa gatgagatta gaacccccaa 720
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<210> 6473
<211> 616
<212> DNA
<213> *Aspergillus nidulans*

<400> 6473
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<211> 935
<212> DNA
<213> *Aspergillus nidulans*

<400> 6474

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 cctgacccgc cgcgggcaga actagagaag ctacagaaac agcatgttcg cctccaacgg 780
 atgaagaagg aaatttggga tgaagatagg cgacttcgag acggacttta aatgatttcg 840
 acagcgcagt gccctagtat atgacatgaa taccattgtc tctttggcgt taaccagaca 900
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<210> 6475
 <211> 490
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6475
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 ccggaaacga ccgtggccag aatgaagtca ccgtactgct cctcttggtc ttccccgagg 180
 cgtgagagct ttgttgtaa tgtaacggtc ccaacaatc atggcacatc cctgacgttg 240
 ccagcgtaga ccagcctata gtcgtgtgtt gactcttact agcaaagacc gcgaggtttg 300
 attttctcta tctcgggggc gtaaggaagt gcacgacgag attaaatgag gctcttactc 360
 aggccgccag ctatgagtgc tgctcagtca cttacatcta cgttatctct gaactgcccc 420

gaaagatgcc ggtggagaga catgggaggc cgaaacttcc tgctgaggag cgctatatta 480
tccatttgct 490

<210> 6476
<211> 522
<212> DNA
<213> Aspergillus nidulans

<400> 6476

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tcgtaccggc ctgtccagcg gatgtcacag gagccatatt ggcgattgcc gcactgcggg 120
acgtcacaga cagtgggatg gtgtagagtc aaatagattg gatatcacgc caaacgggtga 180
ctcctggaaa aaaatcaggt caatggggaa ggagtgattg aaaagaagga gaagacaaaa 240
ccgccggcgt ctaatgatat ttttttatgg ctggctgttt tttctcctca ctgctcgctg 300
actccaactt cagtgtagtc cgcagggact ttttgagtat ttctccgcca tcgggatttg 360
atcagcgaat cactgattgg tgtgagatca cgacatcgat gcaaacacct ttacgtcttc 420
aagacaaaca tacctgattg ggcaaagtgc ggggttcccg tgactcggcc ctgagcacgc 480
cagccgactg cgggcagata gacgggtaaa gcacggcttt cc 522

<210> 6477
<211> 824
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6477

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ccgcagtgac caggctataa acatgagcgc ggacttcggg gtcgatcact tcaacagtct 180
gagcgggcac tgcttcctcc atcacggccc gtgagtgtgc atatacctcc ttcagtcggt 240
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tcacgcgtta ggacacgct cagcggtttg cttgtggagt gtccggtatg cggaacgcgc 360
ataaactgaa aagccgcgta gccgaggata gccgatgacg ttagatcaca tgggcagcta 420
tgtctattgc acggagtaga atcgggggct cgagaggttc tctttcttcc ttcagatatt 480

gntcgnntngg nataattctc tcaattctgt ggttgtctca gaatgttgtc gccggcactt 540
 cgtttacttt gccgcatagg cgcttcaatg cgttctcgtg cgtttagcac attttccgcc 600
 gttcatgctg ccgaggtcaa atcgttggga gtaataggag ctggacagat ggttgttgtc 660
 acgatatgac ttcttttgcc ttgcttaca ctttattcag ggactcggaa ttgctcttgt 720
 cgctggtcag aaagcccaag tccctgtgac acttgttgat tactctcatg cataactaga 780
 taagggtctg aagtttgccg gtgcgtaaga acgtccttta tate 824

<210> 6478
 <211> 945
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6478

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 tccagagaat ctatagggcg aacagattgc aatggctatc atacgtcaga ccagcggatt 180
 tccaggcgaa gaccatcttg actatgtgag gaagttggag gtttcaatgt gcaagggaaac 240
 aatcgggatg tgatgctttg ctgagcgtcg agttcggagg atcgggatct tagtcatttg 300
 aggcacgtga ccaagcaacg tctaccaatc aatactctag gatatacttc gaccttgcta 360
 caagagaaat tcaagtaatg acatcgctcg gaaacctatt ttccagtatt gattgtttga 420
 atcatgatta gcgtctataa tctagtatgg taagatacag actatttggg agcaaaggta 480
 gcgcttacca taccatatta acctgaatgg atatgtactt ggaaagccat ataactgtgg 540
 atatgaactc agctttctcg ttaagtttct aatagcctac tgctctatta cctgtattcc 600
 agttgttaca gtgttaggag cttaccatac ggttgcgagt ccgctggaga tggtggcata 660
 ctcttccaag gtagattcct ctctatcat tctcttcaat tctcattcaa gacttgtgct 720
 ccgatctgct gaatgcaatc ctctccgtct cctctcaatc tcatcattca tcactttaat 780
 ttaatccatt ggttctagcg cctccataaa taccgtatcg agttaaacag cgtaatatat 840
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 acgatatcgc tcaacatata taactngaac gagcttcttc ttaaa 945

<210> 6479
 <211> 597
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6479

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aaccaactag accgagaccg cgaaaggcag cgcaagaagg ccgagagcga ggtaagaatc  120
ccatccgcag ccgcgagcca tccgctcttc ctctaactc gaactgtact ctgacggatg  180
agatatatag aaaaaggcca atactctatc cggaacggca tttgcgcgta agaaggaaga  240
agacgctgca aagatgcgag cgaagcaggc agcaggtaag ttaaagttct gatgttttgc  300
aggggtcttt ctttgttctc tcctctcttg ccgcaatgcc tctcggcgta ttcaatttgt  360
tgcagtgtct ctctgttctt attggggaag gttggactgt ggatcagaag actgacgtat  420
ttttcgcttt tagccgatgc gaagaaagct gctgccgctc ttgctgcggc agggaagaaa  480
aaatgacacc tgctttgcgc cgtgactacg ctccatacct tggactgaac cttttcgaac  540
tcaggacatt gtcctcgaat aatctcgctc ttcgttccgc gattatatat gcgctta   597

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<210> 6480
 <211> 566
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6480

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cacgcgtttg tttttgccct ctccaggcta tatctgggcg gggtaacta aaagaagaaa  120
gggcttaaaa gaggaagcg aacaaaagcg ggctgcaaag ccagagcgga caaacctcc  180
gcgaacggag gccgtaccg aaccgcctga cagaaacatc ctcttctagc tgacagactt  240
actttagggg ctaaagcatg caagattaga actgccagat agtcaacca aaaaggacaa  300
ccgataaggc caaatgctaa accgaaaccc aggcggccgg aatgggacac aggaagaagg  360
ccaaaacccc ttttaccaag gggcctaccc acccaaaaaa gggcgtaaac ccagaaacc  420
ccaaaaaac tgcccctat ctttggggaa aaaggcccaa aaaacaaccc aaaggccccg  480
ggccgaaaag gccccaaaa acgggcaacc caagcccca acctgggatc cccgggatag  540

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ggcacccccca aaccaaaggg aaaagg

566

<210> 6481
<211> 406
<212> DNA
<213> Aspergillus nidulans

<400> 6481

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gcatgattat ctgaccgagg aggtgttctt ggcacaagcg ggaaccgggg atgatattca 180
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tgcactaacg ggggacatgc ttgtggatac tgaatgatac tactgggttg aggcgatgct 300
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gaatgcgaaa ggcgaccgct tgacgtttat aactatcact gatact 406

<210> 6482
<211> 553
<212> DNA
<213> Aspergillus nidulans

<400> 6482

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agggaaaaga ttgggttcta gacaatggat ctattaggtg cgtgggtaac ttaagatata 120
taactggtgc gggtaaataa cttcattagt cgtttagcgc atggcttgac tcggtgacag 180
cccaagtcta aacccaact gtttagggct ccgggcagct gttccgactt cagttcacc 240
atggcagttc tcatactcaa ctccggggag aacttgaatt tacaggccag ttgcgcctgg 300
atatgctgcc ttggctatgc atagcaccga gggacctttg cacttttggg ccgaccaccc 360
acgggggaag tggccattac aaaaggggag ggcagggggt ttaggtagcg tttacacccc 420
ggcggtgacc catggggaag accccttttg ttaggacccc cgcggtgggg ttggaaacct 480
caatttttta ggggggggtc tttgctctta cttaaagccg ggttttcctc cggggccagg 540
gggggtcttt ttc 553

<210> 6483

<211> 507
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6483

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 accgctcggc tatacagaggc atgctcaggt tgaacggccc accggttaaa ttataagggg 180
 cacaataact gtcgcggtga acatcagact aagtcgcata aaatatactg cacatgatcc 240
 tatggcgctg cctgagagcg ctgccaggcg atctacactt agtacacaag tattatggct 300
 ggccatgaag gactgtccta tacgacaggc tctaatatca atgacacctt ccaagctcga 360
 tgcttcaagc aatcgatgga aaagaatatt ggaagatctt acaagcttag aacgacgcgg 420
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 ncaggcactg gaacgacctt aatatat 507

<210> 6484
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6484

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 tggcgattag gtcgggaatg acaagaagtg ggcggataag caagaggatt caacggctat 180
 tacgaagaat ctcaaaaatt gggacattgt tcaggatgca ccccatgagg tttggaggac 240
 tacagagggg ctacaattgc tggaggagag gttgcgagaa atggtatctg gtgaatgac 300
 tttcttcatt ctatcttctt ttgtcggctt ggatctttct cgcctatttc tatcttgtat 360
 atgtctcgat tctacctcta tagcctcact tgctcctaac tcatgggagt ttgcaattac 420
 aatgaaacct atatttatct tcttttgagc cggtttacct attacctgta tctacatact 480
 gcccacat ttcataggcc caaacggttt cttaactttg accacttttc aatgtcttcc 540
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<210> 6485
 <211> 508
 <212> DNA
 <213> Aspergillus nidulans

<400> 6485

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tggcacctgg tgtgttgaag gtctggggcc tcatattgac ctggtggcac tggaacgacg 240
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ataacctttt ttacgagagt gtgcattacg ggggctacct gtgacaaagt aaagaatcca 420
ctgccagtag gggtcctgta cactgatcgt ctatcctctg acaccggaat gtatggatcc 480
atatcccatg cactctttac catctatc 508
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<210> 6486
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans

<400> 6486

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cacattagga caacgtgatc gcatgcccac ccgcaacata ctgcctatta ggtgaatgct 120
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caatcgatta ctgggagcca ggctatagcc ttacatggta gcaactgtgg acgtcaaaat 240
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<210> 6487

<211> 415
 <212> DNA
 <213> Aspergillus nidulans

<400> 6487

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 aacgatacgc tgatcgatta cttatgagca gtacttgtag tgggccctgt atgccactag 120
 cataagcgtg ggccaagaga ctgcgtaata cgagcataaa tatcacagct tgccacacgc 180
 agcactactg ctgaactgat caacacacgg gatgcagaga tatgaggatg acagcccatg 240
 gatacacatc caacgcgagc acaaagggat aacatgacgc cacacggttg cgatgctgat 300
 cgacgaccac agctagcagg acacacgagc ccggacacaa gaaaccggac gacagcagct 360
 acgcagcggg accgtaatcc actcaacgag catatacaaa gcggaggtct ctgcc 415

<210> 6488
 <211> 509
 <212> DNA
 <213> Aspergillus nidulans

<400> 6488

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 aagcgccgac gagtcatgtg ttcgacccca aacgggtggt acatgtgttc tgaaacgata 120
 cctctcattc gccagtgtg accgacacta agctgacaaa actggatacc gctctgctgt 180
 cgggactgta ggctgcgcag cccgatgttc ttcgctttcg caaatttaca gtgttcgcct 240
 attcaacatt tgccatgaca tggacacctt cgcccatgcc ctaaattgat gcatctgccc 300
 aatactcatt gaccacgac tgcacaggga tagcgagtgc tcctccagac aaggagaaca 360
 cagccgatgt ggatggtgta tgttctgcgc agacagcgga gaccgactgt acaaccgtcg 420
 acggagtcac gtgtatcgag cttcaccgta actggacgcc tctaggcgca gctggcgctc 480
 gaacctgaaa cggcaggaag agagcaagt 509

<210> 6489
 <211> 562
 <212> DNA
 <213> Aspergillus nidulans

<400> 6489

aaaaaacaac ccgggcaaag ttatttcacc aatacgacac agaaaccgca gacaatatac 60
 acggcatccc gccaggcccc cgacaggacc gatccaacca gctcggggca ggacagccgc 120
 gaggcggccg acaggcatga ccccgaaggg ctcaaacaag caaacgactg aacgagaaaag 180
 gctcactaaa tgctccgaac atgccacagg taccggaacg caccgacatc caactacagc 240
 cgacacaacc aagcacgaag agggcggtac ccagaccggc gacagagaat actgcacaca 300
 aagcgaagga cagacccgga agacaggaaa gcgagcaaaa gcaagagccc gaaagcagga 360
 tgactgaggg aaagctacac aaaaagatgc ggaccgggct gaccaagacg ccccgaaaaa 420
 caagcgcgcg aggcaacagc aaatcgccag ttcaccagaa agctcggaac agcggcaaac 480
 ccaacgctga gaccaaaggt caacgacgaa accaccagac gccaaaaacg gaattgaacc 540
 caaacagagg agggaagaaa aa 562

<210> 6490
 <211> 336
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6490

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 gaactgaatg atggatgcat ttgccccgac gatcaaatac ttgatcagac agccgaaccg 120
 gacgagagaa cggggaacga tgccgcacta cccgtctatt aaaaaactac ccgtcttaca 180
 tgggagacta cccgctgaca ggaggcgaac agggcagaga cagattaaat gctttgttcc 240
 atactcatat aacatctata cacttgtttc tggcaaacac gatcgcgagg atccagcctg 300
 atgatgaacg cactactgaa ctangttcca cgcaag 336

<210> 6491
 <211> 411
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6491

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 gagggcccacc gagcgggctc tataccgcgt gtccctgctg aaccgggcca tccctgcgca 120
 caggccccgaa catgggatgc tgggtctcca tcaggaggga tacatgctgc ccctggagtg 180

catgtggctg tccgcgaccg atacgacgcc tgccggacgc ggcctgggct agccgagcgc 240
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 gggagtatac tatacctgtt cgttgcgcgg aagatatgac ccgaacgcct gtgccacgtt 360
 ggcatgtcta gagacatatg cggagacatc tggtagccta ggaccgggac t 411

<210> 6492
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6492

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 tcgatgctca cgctaagaac gtagcgctc ccacaggatg gaatcacccg gccttacagg 180
 ctattgcttt ctggcccagt cacatgtata cgctgacggg cctgcattat gcaggaaact 240
 tcattcacia tatgaataag cacctcctcc ctctggcact gctggggctc ttttcgagca 300
 aaggcgctga agcgagcgc aatccccatc ggactggaat gaaggacatg ttatgcaggc 360
 aaataagacc gtctccatat taaaaagat gttctgccac ctagcctcga gagcggacag 420
 gcttgctcat tcgcgagact gacctcttta ctatgttgcc ctgcattgcc acctcgtttg 480
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 tgctatacat gaggctttgc gtagtcac 568

<210> 6493
 <211> 495
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6493

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 aagccctact tgcgcgctcc agagacatat gttccttaat accatcgtgg cagttcttcg 180
 ctacagcaac gcgttgccct gcgcagctct cgaagctggg atggagataa aaaagactgc 240
 tttcgcattg gcacgtgacc ggccattatc tgaatacacc ccttatagag aacagactgg 300

cgaatgcctg cctcatggat gcagagcgt atgcgccttc ctatggaaga cacatggctt 360
gatctgctgt cggcgatggg atggagatac tgcggctcgg ggatctaaca ctgccttttg 420
acagctgcgc ctacttggcc atgatcacct ggagactgta aggagacccc gaacccggga 480
ttatggtaca agcgc 495

<210> 6494
<211> 543
<212> DNA
<213> Aspergillus nidulans

<400> 6494

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ccccagatgc cccgaataac tctacttttg tggaccaatt cggccgtttt cagcacgcat 180
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cggcttgaac actgcttgca cggagaagcc ggagcgcaa gagaaagctc gagatggact 300
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gaagcatatg aacactgccc tacggaccgg agacaggaca gccattgcat agtactgcat 480
gcctgtcgac acgaatagca agctacgatg cccaaaacca tactatattc cgtgggatag 540
acc 543

<210> 6495
<211> 508
<212> DNA
<213> Aspergillus nidulans

<400> 6495

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cagggagaaa agctcagact caactgacgc tactactgac atgccagact gagaatccgt 180
atgattgctt ccctcgtcgg acgcaccttg ccagcagat agcgtatgtg tgaaagctct 240
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atcgccagcg gccttatgct cgagcgacct tcgccaacac gcactctgag gatctgctgc 360
gctccccatc cattcgtcca ccatgtccgt atcgcttatg cacatccatt catagtctct 420
ggtgctacac ggccatgggtg ctggatgaacc atgctacagc tgtccgatac catcttggat 480
gaactggctt cagagttcca acaaccgg 508

<210> 6496
<211> 135
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6496

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gcaacgcggg ggatg 135

<210> 6497
<211> 572
<212> DNA
<213> *Aspergillus nidulans*
<400> 6497

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acctaacaaa tcggggagct tttatagaac gcaccgtgat tgaaaaacgg aaactcgaga 120
atgccgtacc aattatggga gtgcgcatag gactctgggt aaaatacaag gcaccacaaa 180
aaggatcaag agaggcccca caagcgacac ttgacgtatg aagaacaaaa actaaaccgc 240
tctgtagaat cacatgcagg gcgggacgag acactatgaa caaacaatta tggccccgaa 300
cccgtgatga tagtacaaca cagcacgtgc cttacctcta ggtactatca ggcacaacgt 360
acacacattg tggttgacgg tattaacaaac actggccagg agaactagat aatcccatgt 420
tgagaactcc acaggcagg caactgcca agctatgctc tggccacata tctgaggtct 480
acagattata taccgcgcc cccgactcat gttcaaccgg tacaatttgc gagctcctgg 540
cactaagagc gggcacaact caacttaact tt 572

<210> 6498

<211> 515
 <212> DNA
 <213> Aspergillus nidulans

<400> 6498

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 gtgacgacac gccatcctta cattaaatac cacaaatgca atgggcattg caagagtaca 180
 gcgcgactca tgcgattatc ttctgagcct acgggtctta cactgcgaac gtgtggggcg 240
 cgaattcacc aaggcattag gtgccccgtg gaaatggtct agagcgtctc cattccattt 300
 acaaagtggc ggagaccaac aataggtgac caactggcat accatccgaa atggtgattg 360
 ccattgccgc tatcatggtt ctgggagaaa ctgcgacgat acaacaggag tcgggcatca 420
 tggcgcatcc acctcttgat cagttctcaa agcatgacga acacaccgtt gacactacca 480
 ttacgttaat tgacgacgat gtgggcacaa attcg 515

<210> 6499
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 6499

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 gctaacaacc taaccatgct ggtacgcagg actgtcctag cggacaggga ccatctgacc 180
 gaaagatgag aaacgcgaac atggacttct acgtcacaga acatctacac cgtagccgtc 240
 caactgggtcc atttgatggt aagcacatgc attcaaccgg attggacaac ggggagacaa 300
 cagaccataa cccacacgca caccaagagc atcagaacac ttccacacca acatgggtca 360
 cttccacaag acacgacaca catgtgccgc atgagtgacc ggacgcaacg cgcttatcga 420
 tggaggagga tacatgtgtg caccacagcc accaccatag ccacagtcgc gtcgagacc 480
 gtgacgatct gag 493

<210> 6500
 <211> 566
 <212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6500

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tcaaacaggc cccccacacc cgcctaacc atgcaaaaga cgccaagtac cccaagaata 180
ccgactgaat aggggggagaa tcgaaaagaa agcacggaaa aacacgcaaa acacacatac 240
aacccttac aacaagaaga acacccttg acacaacaaa agacaccagt cactaattga 300
agcatgagaa atacagcaac ctccaccag accaaccaac gaaccaaacc aacataataa 360
cataacaaca ccaaagcca acatgccagg gacgaacaac caccacaacc acaaaccgac 420
caacaaagcg ggcaaaccce ctcaacgggc ctaaacaact gaaatacgcg cacaaaaaac 480
aaaacaaaa acgcaacccc cttaacaaac caaaactacc aacccccaaa aaacaacgaa 540
caagccaaac ccaacaagca ccacaa 566

<210> 6501

<211> 571

<212> DNA

<213> Aspergillus nidulans

<400> 6501

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ctaccgggta ttttttaggg gacggtagag atccactctg aagttcaaca aggactcatg 120
gggctatggc gaaaggaacc acggatcatc gatgcaatgt caatggcagg caaccactca 180
gcgtacacga ccgatcggcg ccgtcattgg cgcaagttgc gcaggaccta ttactagctc 240
tatacgacct aggggaggag ccggagaagc tctcacggcg ctgaatgcac ccatgttcac 300
catctatata atgcacacca atgtgatgac acatgcgcac ctaacaacgg actgcatacc 360
aggaaacata ttgcttgtca gaagaacat tctactgatg ggagactgtg cacatgatag 420
agacaggtcc agttacacia ctgttaatta tgctcgggac acatgcagac tatcaacgtg 480
gggagcatca ctctaatac cactaaagcc cacgcttcgc attacagcgt ttaaattggg 540
ggcacacggc tgaggagcgc tggttacaag t 571

<210> 6502
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 6502

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ccatgcatag actctgtgta caaagccgag gatgcaacga gcggagaacg tcaaagcctg 120
tccagactaa ccatctcttg ccgtgctgcc agtaacgagg actactgaac cacatgacgac 180
cacatgctac gatgacaggg attgaccacg ctggatcacg accatgacca ccaacgggat 240
cacggattgc ggccgtcaga ggccgagggc gactacttta catcgcatgc actggacaag 300
gatgatagcg gccgcctgga agaaaactca catgcgagcg ttaacatatc ccaatacgaa 360
gaccgtagtt atcttgcgag cgacagcaca ctgaacgagg tgaacacgat gcacagtccc 420
atcgaggcgt tgagtaacgt gctatatcca cactccgacc ttagactgag atcttgatta 480
gaccgtgaac aagcacacaa agagtcacat acctgatcat gctgtacaga ctacagacgc 540
caccgttctt gacgatatcg catggcttag acgg 574
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<210> 6503
 <211> 615
 <212> DNA
 <213> Aspergillus nidulans

<400> 6503

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gaacatggct gggcccggac tcgtacatcg cgtgactacc ctaaataagc tgctacacat 180
gccactccac actggagagg caccgggat caggctttct gatggcagac tgatggccac 240
atgccccaca gacgaagctc acagatcggc tggctctgct tgccatctga gacctgggag 300
cacagagcct ccagatggag cataactgat tactcatgca aattgggcac cctaagagct 360
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caccaagcgt tgtggcacct ggccagccat gaaaagactc tagagcatca ttactgaagc 540
cagggggggc ctgtcaccg aatcacaagc cctagggg cctgcctgtg gtcctaaaaa 600
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ggacttggtt tccct

615

<210> 6504
<211> 655
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6504

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tgcttaaaca aacaagaccg ccacgaagac acacacaagg aggggagcga tagaaagaac 120
acaaaacaga gcgggggggag gaaaagagac aaagaaggac ggcccagcac acaagcaag 180
aaacccaac aaagaccaac aacaagaaca aagcgcaagc ccaaagacaa cagagaagcc 240
agaccacaa caaacgcggg accacagaaa aaccccgcca gccaccagc aaccagagga 300
gaaacgaagg gaagaagggg gaaacacgaa cgaaacgaac acgaccaga gcacaaaagg 360
aaaaccacca aacagacaag ggaaccaagc caaaacacg cagccaaaac agaagccag 420
aggcggagaa ggcaaaggaa gaacaaggga cagaaaaaca ggaccgagaa gaagaggaaa 480
gaaaaaaaaag cacaaaagcg aacggggaag gcgaaagccg gaaggaagag gaagaagccg 540
aggaaaaaac ggaacaaaga aaaaagagcg agacaagggg gaccccaaaa aaacaaggag 600
aaaagacaga aacaacaaga ggaacggaac aaaaacccgc aaaaagaaga aaacc 655

<210> 6505
<211> 795
<212> DNA
<213> Aspergillus nidulans

<400> 6505

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cccagtgtat ttgcaaggcc tatgttatat acagaactcc gcgccacctt tgttggcaag 120
gtattccttc tttgtgcagg gctgacggac tgaggaccag tactacatat gtatctgggc 180
tggtgtgtg gggccaaaca cctgactttc aacgttctat gattttatca tattggacta 240
ctgggaccct acgattgatt gactccggct atagagacct accgtgaggg aacaacctgc 300
gtattcttag gggctcgga tatatcttca acaacgctac atgtgctgtt ccgtgtggag 360

ctccggacgt ttagagtccc tcctgatgcg tacgacatga cagagtgtat agtggccctc 420
 cggacaagta tgactgcccc cttaaatctt ccatatataa attgcgctga cagacagggt 480
 cttgtttacc atcatgggac tgcctagata cctctcatca caagacctgc atatgattga 540
 agactccagc cattcgctg gcattctggg aaactggcca cctgaatgtc gctccggcat 600
 gcgaaaatag gctgtgactg atggagcgag acccgctat aactgcttgg ttgaaactac 660
 ggggacttaa tccccaatta cccttcttac cagtgtcaaa gcaaagcggg cgtaaaaaat 720
 tcccgttatg accaccaat ttttttagtg gacttgagct tttggccttc gctaccaagg 780
 cattcttggg ggaat 795

<210> 6506
 <211> 396
 <212> DNA
 <213> Aspergillus nidulans

<400> 6506
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 acaactgtta ccgaggcatg atgtggaggc cccacagcac gcctgggtccc aaccaacaga 120
 aggccaacag ctctcacagc agacaactga ctacgatgac aaagggacca cgaggggatac 180
 cttggatgac gccacgcccc ccggtgtggt gagaatcacc acccgaccct aggggtcggtc 240
 ggtcatgacg aactatctac catgccaata acaaccgcat gcgcataaac gtgaatatgg 300
 ctaccatgaa cagccacatg atctgtaact atatcaacag gcgcatgtac gacgacccga 360
 ctgggtactg cctggctact gcagacgacc gtgcct 396

<210> 6507
 <211> 653
 <212> DNA
 <213> Aspergillus nidulans

<400> 6507
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 ggaagtgtcg tacgccttgc gcaggatgta tttctcaatg cggtcctttg tgatcatctt 120
 ctcttgggga tcaaccgaca tcgacgtctc aatgaaggcc ttgtcgagga aaggaactcg 180
 cgcctccaag ccccgaggctg atgttgactt gttggctctg aggcagtctg ccaagtgcag 240

gttctttaca cgtetaacgg tttccttgtg gaactcctcc ttgttgggtg cagcatggaa 300
 gtagaggtag ccgccgaaga tctcgtcgct accctcacca ctcagaacca tcttgactcc 360
 aagtcccttg atcttccggc taagcaggta catgggggtg gacgcacgga tagtggtcac 420
 atcgtatgtc tccagatggg agataacatc cgatagggcg ttgagaccat cttcaatagt 480
 gaaagtgagg gcgtgggtgct tggtttccca aaacttaacc acctccatgg cagccctctg 540
 tgtcgggagc accagggaga cccatggaaa aagattgcag cttgctgaag gaggttacca 600
 gaaaaagctc gttctcgccg cgaaaccacc agttaccggt ggcctcgttt tga 653

<210> 6508
 <211> 744
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6508

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 caaccagag cccaaggcg aacgcacgga gaaccggaac cggaacaaga cgcaaccgcg 180
 cccgccggac aaaccgaagc gcgggccagc cgccgaccgc cgacggggcg aaaacaccag 240
 ccagagaacg gaacaccgag aggacngnga gacacaacag ccgaagacct gacaaaaaag 300
 aacggaacga cacacaggag gaacaacaag aggaagcagc aaggaacgan nnaccccagc 360
 aacccaacc gaaaaggcac cgccccggac caggcaacgg aaccaccaac agccccggga 420
 ccgacccgaa cacgaacacc caaaacgag aacaaacccc aaggacgacg accaccaaag 480
 aggcacgaaa acgcccgaag gcgcaaggcg ccggaacaca caaacggac caagagaaag 540
 gcaaaaaccg acgagcacac caggagacac acaagagcca aacgaacccc ccgaacaacg 600
 ccccccccc agggcaccga ccacaaccaa aacaagccaa caccgcaaga acaccaggg 660
 gaacgaacgg gcacaagccc accaacgaca cccaacacg aaaaaggcca caaacacag 720
 cccccaccag gcaagaaaaa gcc 744

<210> 6509
 <211> 671
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6509

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ccggggcgcg cgtactgacg acgaccctgg gngggccata cacagaaaac ggcgagagaa 180
agacacanat tgttaccgac cagaccaggc aggaccaacg aggggaccca agaccccaac 240
caaccgcagc gaaaacgcaa cgcgccgaaa cagcacaag cgcgccgcaa cgagcaggca 300
cagcagggaaa agaccacacc cggccacncc agcaacgggc agcaaacggg cccccaccac 360
gagaagaagc agccgcaacc ccacaccgag gaggcgaaca ccaaggagcg agacaggcac 420
acggcggcg gccaagagaa cgaaacagga cgccgacagg aacaacaacc gcacgaccga 480
cgaccaggca aacgcccacc aagacgccga aaaccaaagg gacacaaacg acccggacaa 540
gaacggggca accccgaccg cgggaacca accgaacccc aacaccaaca ggaggagccc 600
caggccgagg ccacgcaagg gaaaacggnc aaacacagaa cccaagccg acaacacccg 660
gaaacgggcg g 671

<210> 6510
<211> 978
<212> DNA
<213> *Aspergillus nidulans*

<400> 6510
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ccagagggct tgggccagtc gcagcaagcg ttgacagtgc cgccactaca gcccctagat 180
gaaccccagt cgaccaaggg cagcctagaa tcattcgcaa ttgccaccta tcggtggctg 240
caggagacgt ttctacggg gacggcggta gtctcacata tgcctttctc acttggtccg 300
tttgcgtttg ctatgttcat cctcgtaaa gctctggcca ctaagggttg gattgaggtg 360
tttgcgcacg ggtgggacca ctgggtaaac cgaacaggta cagtcggggc aattggaggg 420
atgggatttc tttccgtcat actttgcaat gagagcatct ttgagctctg aatttacttc 480
atactgacct gtattagttt gccgggacta acatcggcac gacaatcctt ctctcgcgcg 540

tagtgcagac ttggcagcga ctctcggga ccatggcata ccattagcg aacgcacatt 600
 ctgggctact gtttacagca tggcgctagg tgtcaactac cgcgcttta gcacggcctt 660
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 ctggatttgc caggggaacc acctatcatg gaatttcatg ggggtgctgc catacagggg 780
 gtaggttata atggcaaacc tccgtcataa ggacgaggtt tcccgcgggc tttggggatc 840
 acgacacaca gcattatttg gggccaaacc aacctattgg cgggccctaa tcggcgggcc 900
 cgtattgccg gtagctgaca aaaccacctt ggcaacggtt ggcctccaac caaggattgc 960
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<210> 6511
 <211> 916
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6511
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 tttgcttaaa aaaagatggt atgaaattta ataatggct aacaccaatt acagtgcgga 120
 aaaattcaga caaaaaagct aactcgatcc cagttgcaag acggcaaccg cgttcattgg 180
 ttatgaaacg gtctatcacg cttagtgtt cagcttcaag catcagtctc acctaggcta 240
 caaacttcac actcaccttt cggatgttag gcataatagg attctcagta aaacccatga 300
 aagagctgac gctgtgccta ataccatggt ttaatctgcg ttggacaata tgtccctatc 360
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 attcagggag ccacgga gttgttacca aaataaagct agataagtct tctatattga 480
 tactcattgc aactgcttt atccattatt gtttagttac agtaggcttg ctgcgcactt 540
 aacggtaacg gtgacactcc ggcaactctt caccgaggag gggctgatga catatcgaga 600
 tccgaagctc tcgagctgac aacatcattc ttctcccaac ttttttctcc gacataaaact 660
 ctaactccgt cacaatggga tcccctattc acatctctc taaggagcaa ttcaacaatc 720
 tcctgacctc ctctacctc gttgtcgcag actgtaagag cctccctctt tgttgatccc 780
 tcgcctctgc tcttcgcccc tcttctggcg agggccgcca tctctgccag ctcaagtgag 840
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<210> 6512
 <211> 625
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6512

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 ttgcgccgcg gcacaacgca ccagacaggc ggggagaagg aaaaggagcg gccggaaagc 120
 aagaggacag caccggagac cacaggaccc cacaccaacc acccagacca aaccgacgca 180
 caccgggcac gcccgcggcg cccgagacca cccgcagcac caagaccag gaaacaccca 240
 ctcaccaagc aagcaggagc cgcgacaaga agacggagcc cgccgaagaa ggaccaaacg 300
 cagangcccc acccccgccc cgaaaaagcg ggcacaccaa cggccaacca caagcgaagc 360
 acgcccacgc cgccgcagac cgaaggccac accacggcac ccccgaccac aggaagaacg 420
 cggcccaggc cgggaagaac gaaccaacga cacacaggaa cgaagcagac aacaaagcaa 480
 cagccagaca aaccgaaaag cccgaagaac cggcaaaaaa accccccgc aaaaacaacc 540
 ggcgcgcccc aaacacaccc acgaacgcca aacccacgc gaaacgcaac aacggccaac 600
 accccaaacc ccaccagacc ccccc 625

<210> 6513
 <211> 569
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6513

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 cgaggttatt ttcttgatta ttctatcagc gctcaacgcc actccaacgc cctcaacaac 120
 tataactgga aagtggcgag cttcaacaag ggcagtatat gtgctacgac cgcgtaagct 180
 tccgtgtttt gcaacgaccc tgaaacattc ggcgttagtc cgtggccatt cgttgactag 240
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 aaatgtagta tcaacttgac tcggttgaga ttggtagtgc atcatttggt tgatagggaa 360
 gtgatggtac agttggcagg cgactcatgc ggaccttccc acgatgcaat ggtgaggtac 420

agggaaggcg cgggagggca acgacccag gtgatctgag ttctagttga ctggcacatt 480
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 cttagatcag atcatcgac atacagctt 569

<210> 6514
 <211> 448
 <212> DNA
 <213> Aspergillus nidulans

<400> 6514

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 aagctgcgac gccgttactc aagaggctgc ctgtagactt agtcatggcc actcgaggta 120
 tgacaacggt gaccagggag tccctcatta cctagattcc tggaggatga gaactgttat 180
 cgcacacat atcatactga agacgtgttg agtgataagt tttgacactg atgagtagct 240
 tatgtgcttt cttctaggca tagacctgga cgtctcttga tgctgcgctg ggctcaaact 300
 gaagctacgg atggcatctg acactagccc tcgatgcaat gctgaatggc tagctcgcat 360
 actggagctc taagataggc tcatagatcc gtggatgctc tatgctagag cgaggctaca 420
 ggggttcggg gccgcgatct agaataata 448

<210> 6515
 <211> 780
 <212> DNA
 <213> Aspergillus nidulans

<400> 6515

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 gcatacgagg ttacaatgta cacgttgtcc gaacttggcc cagtaccgca acaccaaactg 180
 gctttgcccc cgtcaccgcg aatcgtgatt gaaattatta tggggcatgg gcgggatatt 240
 attccaagga gcgaaggact ctaccgaagc cgggccagat ctccactcct cgatctcact 300
 ttcacccggc tggtgaact tgtaggctgc tccagcctcc agcctccggt ctccagtac 360
 cagccgcaa gagagatctc gcgtgtggac gttcgcattt caggaacggg tccctagcgg 420
 ctggattatg ttttggctct cgattaccga ccggttcatg ggacaaggaa caacgggagg 480

cttccaaggg ttccaaggg ttggtgccc ggtaacgttt cctcaacaaa taaaacatat 540
gctgcttgct ttcatatcgg cagatttggt actcgagatc cagccatgtg ctgtgctcgg 600
cctgtacca ctatcatctg ccgaaagaac gggctacgcg ctgcgcgga aatctgtgcg 660
gtgcgacaag agcccgtg cagcaaaat cacaataaca acgtccgaga aaaatcgtga 720
gtatgtggca gcaattaaag acctactccg tttcattat tccggcgcg acatgggtct 780

<210> 6516
<211> 531
<212> DNA
<213> *Aspergillus nidulans*

<400> 6516
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gttatacact gctgaggcca caacctacag gtaagtagcc gtcagggccg gtacctatgt 120
atccagtcac actctccgtt cttcccctgc attcctgact caatagtaac atacttccga 180
ttcccttcga caacattctc cttcatccag ataagtctgt caagaaccgc atgcgaagaa 240
gcatgtgaag aagcatacgt ctgcaccaat ctactgtgc ctcgggctc cggcataccc 300
gcctccacgt caaactctgg aagtgtcgca aagagctcct gaatggcctg tggcccaaga 360
tcaacagtaa tgggtagatc agccaggacc ttgatagggg taatcatctt gccgtactta 420
ctagtggggc caacgtccc cttgacgtga atttgatatg gtgcccgaat ccgcccgaat 480
actgcttatg atggaaggta aatccgggca aaaattgttt tccaatggcc a 531

<210> 6517
<211> 590
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6517

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accgacgggg ggggggcaca aaagacgggg cggccgcgca caacaaaagg gagaacgaaa 120
caaaagaggc gacggacagc gcgagcacga aagccacgaa aggagcagaa gggggaaaag 180
ccacacggcg cggcacaggc cgacaaaaca gccacgagca aggagcggaa ggagccgaca 240

cggagaaaaa cggagccagc gcagaaacag gcggacgaac agaaagagaa agaacggcgc 300
 cacgagaaga accagaaaca gcagcagacg gaggaagcgc caacagcagc gagaaaaaca 360
 gacggaggag aacgggcgga gccagaacaa gaaaggccaa aacaagaaga acgagcgagg 420
 gcgccaaacc cagaacaccg aggggaggaa aaagacaagg aagcacagac caccctaaag 480
 aagcgaggcg gaagaacaaa acggcccaaa aacgacaaca ccgaacgaaa aacgaacaca 540
 cagaaacgac gggacaacac caggaaggaa gagcaaaacc aggggaccga 590

<210> 6518
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6518
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 aaaacaggca agggcccacc gcaaccggaa cggaccaag ggggaccggg agcaccacgg 120
 gaaaacgggg agaaaacaag gggacaacag cacggagtag acggaacaca ggacggcgaa 180
 gcacgagaca caccaccca gaacagcatt gagaaccaa atggccacct ggacacgcac 240
 gaggcagaac gcaagagaag gagacacaag cagcaagcaa gatccgcca aggaggacgg 300
 aaaagacgga acgctacaaa gaccccgaag gcagaaccac acagggacca agctacacga 360
 aaaacgaaag ctccaggcca gctgaaccga aaaccacacg atgaaacaaa accaaggaag 420
 acccgggata caacacacca aaggcggaga accacacgca tcactacaca aaagcaaaaa 480
 actgaagaac caaaaacccc aggaagaaga gccgccagaa acggcacaca aggccccaaa 540
 c 541

<210> 6519
 <211> 509
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6519
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 gaagagcgaa acggggggat agaacgaaca acggcccccg agcaggaccg caacaagacc 120
 aacggagaag acgcagcgaa acgcagacca taccgcaaac aacaacggcg ccaagggcca 180

aaacgacaga agagagagac caggtagaac ccacgaccag aacaacggca cataacagaa 240
 ccgacggaca aacacgacac gagcaacaca acagggaaag aaaaatagaa cagaggaacc 300
 cccagaacag aagccacaaa aaaagcgaaa caagagagca acggactata gcgcgggctga 360
 cgaggacccg acccaagaca caacggaaca gaagagggga acagggagcc caaagaagga 420
 agcagcacgc cagaaccggg aaacggcaaa acggcagacc acaaaaaacc cacaccaaaa 480
 cggccgaggc agggcaaagg ggaaacaac 509

<210> 6520
 <211> 609
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6520
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 aggcacgacg tgcggagtct ctaaaaatca tgcacgagac gaacagcaaa cgggagaaaa 180
 ttgatgagct attagatttc attaacgaac ggctggcaga gcttgaagag gagaaggacg 240
 aattgcggaa tttccaagag aaggataaag agcgaagggtg cttggaatac acaatctact 300
 ctgcgcgagca gcaagaaatt gctagctttt tagacagcct cgaagaacag agacaaactg 360
 gtgtcgagga tactgacatt aatcgcgacc gtttcattca aggagagaag gaaatggccc 420
 aggtcgatgc agagatcgcc gagtgcaaac agcagattga atttctcaag gttgataaag 480
 cacagctgga agacgaacga cgcgaggcgt ctaaggcact tgctcaagta gaactacaag 540
 ctaagtcgct gtcggataat caggctgctg cccaagagtc aaaagcacgc catgacgaaa 600
 gcttgaagc 609

<210> 6521
 <211> 716
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6521

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 ttcaaagagg ttgatgtttt ggtcaacaat gcgtgcgttg cccactcccc ttcttgccca 120

aaaattacag ataaaaccgg gaccagcaa ggctagatgc tgattgtcgc gcagaggctt 180
 ggtcaagggt gtcgcccgcg ccctgaaat tgctgaagag gacatagcca ccatgttctc 240
 cacgaacgtc caggcctca taaatatgac ccaagcaatc ctcccttcca tgctatcgcg 300
 caacaacggg caggagcag gagatatcat caacatcggc tccatcgctg gccgcgagcc 360
 ctacgtgggt gggagtattt actgcgcgac gaaagccgcc gtgcgcagct ttacggaggc 420
 tctgcgcaag gagctcattg catccagggt gaggattatt gcagtagacc ccgggcaggt 480
 cgagacagag ttttcggttg tgaggtttta tggggataag agtaaggcgg atgcggtcta 540
 tgcgtgagtt cacacttccc ttataagggc aggaatctgg acaagctggg agttgttggc 600
 taacaactag atgggatgta gaggatgcga gcccgtagcg ccggatgata ttgcagaggt 660
 gatagtgttc acggcgagta agagaaaaaa tgctgtgtg gcanatacgt tgggta 716

<210> 6522
 <211> 564
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6522
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 gtgcttcgcc ttgcttcgtg cggccgggtc ctgttccttc tttctttcct gctccttacc 120
 tactttctgc tgcagttcgc tgatccatgt atcagcttct ggagcagga cgaaatctgg 180
 ggcacgtgct tgcgcggcca gctcgtaa atagcttcgca atgctcatga tgcaggtct 240
 gtgtgctggg gtaaaacttcg ctggtgagga ctctggggtt ggcttctgtg acaattggg 300
 ggaggaggtt gcctccatag gttcggccgt tgccttgaca gatgatgcac gcggactgcg 360
 gtgcgcgcgc tcggattcaa acgactctag agctcgaata gtcgggtttc gcgtacgccc 420
 agacgtacgc gcggcggttg agtggtcgt ggacaggctg gtgggagaag tgggggcatc 480
 catgtgacca tcaagacat agttgttccg gaacatgtct gtatcgtatt cgaaatggta 540
 atctccattt tcaacatcgg cggg 564

<210> 6523
 <211> 1132
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6523

cgtaaaaggc atcaaggaga gcaaaagtct gtccttgggt acattcaccc atgtattctt 60
tcctgtaatg caatacagta agcttcttgc attcattttc gccataata aactgctcaa 120
tgcatagagg gcgggataacc aggcatacacc gaagttcatg gccccagac acagcggcga 180
cactttgacg ccagccgagg gggagaggac tcggtggtag ccaaggaggg ttggcggttt 240
cggagctgga gggaacatgg acattttgag gagaaaatgt tatatagtag atttcaggct 300
aagcacaatt gacaataatc aatccttatt actctacggg gggcattgct cgtttttata 360
atgacgacgg ggtgggcccc ggacggacga tggctaccga ggtatggtac accacagagc 420
aacgctaaga gtatagttag atgatgagaa ctcgaaacca ccgcaagttg atgaccgatc 480
tccatcacct tgggtggcga agggtagagg gccactgta gctccggcca ctgaaaaatg 540
tagaacaatt actataccga aggactcgcc aaggagcga tcgtcagtgg cagaccatgc 600
gggggtaatg gctatcgtaa aggcattggt caattgcact aaactgctta ctgtggatac 660
aagaaccgga gttgagatcg gagttttatt ctacggacat aagaggcctg cgatctgaaa 720
gtcatcatga tgtaactgta cttatataat agagacagtc tatcactgtc tatacaaaaa 780
atgcatacgc tctagccagg aatataacca ttgccccat aaattagtta acatccagtt 840
tttcgttggg gggacatgcc ttttcacaca atgttttaaat ttaccctct tcttgggaaa 900
cggggaccgt cctcctaaaa tgaaaccggg gtacggaacc cctccacctt aaacatttga 960
aggcgaattt tggtttagga agtttttttt ttaaaaggac cccccccca tgggtggcccc 1020
tccttttttag agacccccct ctctccccc cccggggggg gaaaattttt ggggtcccccc 1080
ccccctcttt tatttttggt cccctcccc cacatggggg gggaccaccc cc 1132

<210> 6524

<211> 505

<212> DNA

<213> *Aspergillus nidulans*

<400> 6524

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ccctggattt gaaggagggt gaaggagtcg tggaggcgaa gaagctcgag aagtatgcac 120
ttgaccgctg atccgcgctc aaccatggag gctaactgtg tttcaattag ggaacgctcg 180

gcagcccga tccaacttat ctccgacctt tgcgacttga cggttcccgt ttcagctatc 240
 gggctcgcaa acctcgacga tggccttggt ggcatcgctg gtacaatcag cagtttgatc 300
 ggtgtgtgga gtcaatggcg aaagaccgct taaacaccca tcgaaatgag tggctagaga 360
 tagccttggt atgactggct tctaaactgg ttcctggggt gtattttccg tcggcgtaaa 420
 aatattcacg tcgctagtgc tagaggggat gcacctggga tagcctgctc tgcttgacaa 480
 aatgcttgga aggaggaata ggcgc 505

<210> 6525
 <211> 774
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6525
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 acttcgtttt gttcattggg taatccgatt ttgtacggcc gcggctttct ttcttatagg 120
 cggcgggata attaaactaat accggtgctc aggcgcttg atttgatata ctagttggct 180
 cagcataaat cagcttgaag gtcttgaacg gcacgctat catgagataa cgtgtaactt 240
 gtccgcttat tatgatcatc tgttcggttg attgctcttt gtctcttat cctggttcca 300
 ggaccaggat ttgggcttct gaaatgaatt ttgtgttgct tagtccatta tcctactagc 360
 acataatcta atatctggtt tacggtcagg acagagagac atataactaat caagagctaa 420
 gcccgagttt gaaacagtca tagagaactg tggaccctat tggaaggctg gcacgttgta 480
 tacaaccata ttgtatattc taggaaaaac tactctagat tctgcctcta gttgagaagc 540
 cagtaaaccg gatggcagct gtcacatgg tagtatctca atatcaattg agccgaatga 600
 atgaatcaag gagctcctgg aatggtagcg tctttccata tcagcaaacg accggtcaac 660
 gcagtcacaa tgcacatcca agtctagact tcggcgacag acctagcatg aagggacggc 720
 tgaattgacg tgcattttac tttgctcggg agccggcttc tgcgtaccac cagc 774

<210> 6526
 <211> 724
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations

<400> 6526

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gaacgcagac caacacaaca aaaaacacca acacacacaa ccgcaagagg caaaaccacg 120

cagangcaaa ccanaccccn agacaaangc caaccacgaa ttgatacgca cgaancncaa 180

aggacagcag ggggaggaga gagccaacaa gcgccccgaa cccccagac ggaaggaggc 240

aagacaagcc gggccaaaca aacggggccag agggggggcg aaagaggacc agcaggaggg 300

gcagcaggcc cagcaaggac acgcaacgaa gaagccgaag gcacgcccgc gcgaggaaac 360

gaccagggca gcacaaaggc cagacaaacg gaaccaaaca aaanncacac acagggaggc 420

acagagaccg acaaggacac aaaaaccagc gccacggaac acaaaaacng acagcacgca 480

ggccgaaggc acgaaccaga ccgccgacaa ggaaggccca aaagacccca gaggcggcgg 540

gaccaaaccg gcggggaaaa aaggacggcc aaaaggcgca acaacaagcc caaggggaaa 600

caaaaccgg accagggcga accgcgacc aaacaaagaa aagaggccga agccccaaa 660

ggagaaacag ccggccccca accccgagga acaaacagac cggaaggaga aaaaacccca 720

gccc 724

<210> 6527

<211> 491

<212> DNA

<213> *Aspergillus nidulans*

<400> 6527

gcaatttcgt gcaatctcgt gcaattcagt cgggtctaga cttcattgct gctctctatg 60

ctagagctat ggagatgata atgcaattgg acctcgggag gccgcccatt cccgcagcgc 120

tagaccgttt atcgcccaac ggcgcttctg ccccatacct acgtttctgc gctgtcgata 180

tagagcatcg gcagttgctt cgactcgac gccttcatat catcgacaat ctgctggccc 240

gccagtagt tctgagaact tccgtaaaaa gcattgaact tcttgctggg actcttccgc 300

tgcagcaaga ctgaaactga cgtggactca taagaggccg aaccgaaaac gaaatgaaac 360

cccttcgctg tcttagcgcc aaagcactta tctgaggaa acgttccaatt aaccggccct 420

ggagccccac tggcgcgcg cgtctgtgac tatccattgg tggccacgcc ccgtcatcct 480

gaaactgggc g 491

<210> 6528
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6528

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 accacaagcc acaacacgag gcagagcagc aagagccagg caggccaagc acacgcgcgc 120
 anaaggaccg aaacaacgcc acaacagcac cagcaccggc agaaagaacg cacacgcaaa 180
 ccagcacagg gccgacggca ccggcgaagg cccagccgg caagacgccg acgccgcaag 240
 gccaaccaac cgcagccaaa gcaccaacca acccacagaa gacaaacccg ccaaaaaaca 300
 gcaaagcaaa caacggccga gacgacaaga cacagaaaga aaaccatccg ccaacaaaaac 360
 aagaaacagc aaacaaaaag gacaacgacg accccgagac aagcgcccca agggcccacg 420
 aaccagggca aacaaagcaa aaacccaaaa cccacccac ccccgagcg ggcacaaaaa 480
 accaaccctt gacaaacca cctacaccgc cccgaacgca aggaaaaaac acggcaaggc 540
 cgagcagacc ggaccaccaa ccagagacca cccaaagagc accaaacc 588

<210> 6529
 <211> 915
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6529

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 cgtacttgat ctaggattgt acaaggtatt caagctgggt taccgagaat cttttctttt 120
 tgctttctga gtccatatgc tagtggattt gaactatcca agagtccaaa gaagcgaagg 180
 ctaacatagt agccagggat gcagaccaga ccagcccaaa cggcaacgag acaagtattg 240
 ctgcatgagc aaaagccgaa catacattct caaacacagt agacatctca gaataagccg 300
 taatcgctca tccgaaaagc cagggcgaag atcacttggg acctagacaa cccataacct 360
 gagcaaaatc acgatcagcg acgtcaagaa cttttcaacc atctgcaaca atgcaccagc 420
 cattcccgtg gtttctatgg tgacgcggga ttgcgatct atagcttgta accgcatcaa 480

acaagtgtca tgcaaaaaag ccaccaagcc ggcaaccgat cgatttgggt gagataatcg 540
gaccactcga acaccaaata caccgacca gcccgaaaaa cagaaaagat gagtatggga 600
tgcaaaataa atttgtgggg ggataggaat gcaaataattt tcttttgagt gagcattata 660
taggcgaaaa gagggccgag cccatgcagt ccaccctact ttaaaaatga agtgcctatt 720
ttcatggact cgttaacctt taaagttggc aatcaaggc ggtggccggg aagtaccacg 780
ccctcgttgg ataagcaggg ccctggaacg aaccaaaaaa aaagggttgg atgcgaattn 840
aagcctttat tccaaccgaa aaaaaacgtt ccggtttggg ctgggggttg ttgttttttt 900
tttttcaccc ccccc 915

<210> 6530
<211> 614
<212> DNA
<213> Aspergillus nidulans

<400> 6530

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gggggacggg gcctgtatcc gtttccagac ggacatggcc gacacactag agactggatt 120
ccccacggta gaaatcaagg tcttggtctc gatgatggag tctctagctg catcgtgcgg 180
attcgaggcc ggcttcgcaa tccaatgaca gtttcgttct gtatctgccc tgcagcctat 240
tagctaattgc ttctccaatg ttttctcacc aacaaggctt gcaagtttgg atccccgcac 300
cagagcccaa cccccacaac cgcgaaatagc aattggaacc ttcaatggcg ttccgaggac 360
accattgct tgataaagat aagaaatccg aggagaatga tggcggaccc cgcctatgta 420
aagctagtta gctgatgata aggcaacggg cgggactgtt tcctgcgtag ctacttaaag 480
accctgccat ccgttccac cttcacact gacggctttc ttctgcctt cagctcaatt 540
agtcccatc catcatgcga cgatcccttc aacacatcgc catgcaggca ccagcgctc 600
tcgtgtagcc gaga 614

<210> 6531
<211> 724
<212> DNA
<213> Aspergillus nidulans

<400> 6531

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agttcgtcct tgcgccaca atgataagcc gcaacatgca aagctgccta caacaaattt 120
ttgatgtctc gaagcatctg cattccgaag tggacgcgca gatgtcctgt catctgtaat 180
cttcacgaca gcaggttttc gccggtttca tgattattgc tataataatc ttggaaataa 240
aagatcacca aaatctggaa tgggacaagg ctgagccact gaggtcagtg gggtcggcga 300
gttgccgtct agcctgcaca aagcagctgc caccaggaat ctgccagagc tcgacagata 360
ctcttaagga gccaggtttg aattcttggg cgtcctcggg aagagccgcc atgttcctcg 420
gatttcagag acgagaatag acccaaaagg aaatagataa ataattcagt agatgataga 480
agtcacttac cgccctatca caatgataat aataggtagc ccagccactg cataatcatc 540
atcgtcacia ctgcaatggg atgtcatcca atccaagcct ccatatgatc agtcgccgac 600
caagcgccca tgacgccgat tccccactc cagctgagcc gcccgatac caattatcac 660
cctttagacg gtcttcttcc ctcttttggc ttttcttccc ttttcccact ggccttggcc 720
cttg 724

<210> 6532
<211> 590
<212> DNA
<213> *Aspergillus nidulans*
<400> 6532

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aggagctacg accacgtgcg agagtacca acccaagata aagctcaata tccgccctc 120
ctcaggatct gaagcaaacg cggattgcca acatgctaata gcagcgctg ggagcagtct 180
cggactgtcc ttggactacc tacaccaca tcttttttgt tggggataag aactgctcc 240
atttagatca agaaccgctc catttcatac ttgcgtacc cctaaaccag accctcatta 300
gaacgaggct acgattctta taccagaaag aacaacacc atcaactgag cagattaggc 360
gcctgagctc agtcacagcg cggtaaatgt tcagccttgc tgaaggagaa tctataagta 420
gactcatcta ctggagactc aataaaccga acggagaatc cttgaactat ccagaacgag 480
aggattgaca accacaagac ctttatagt ctcagagcct attacattta accttctaac 540
ccgacggtca gatgaccgga ataccaccaa catcagcatg cggttgccc 590

<210> 6533
 <211> 587
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6533

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 atacgtctta ataggcttaa gactattggg cctcagccag tgatagctcg aaggagccca 120
 gccaccctac agtactgtgc ccatcaaacc gaaaggacaa tgggcgagat ctgttgccgc 180
 atcggttatg cctgaccage atgtatttta tgagccagtc taacatttcc gtcttgactc 240
 atacttggag aataataaag ccacatgtca tgaatacaac aagagcccta tacgcagggt 300
 ccatgtgaaa tagcgcatca ttcgtcctta tccagcttca acatgttaca ctaaatacaag 360
 tccagcccat gatagctaag tattcgttgt gagaacaaaa tgccatgaac aaaaacaaag 420
 caaggtgatt aagtgagcct atagcaggat ccagacgccg atgcaatcca atgaattaat 480
 atttcaaaaa cgtgcctcgt aagcggaaag tagtatagag caaagtagga ccaaccaaac 540
 ccttcgcgtg gttcgcagggt agtgacaacc atgccactag acatgtt 587

<210> 6534
 <211> 397
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6534

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 acacaaatac cagctggttt gcccgactcc gtatgtgaat acctaatcct atagtttgac 120
 caagccatct atgacgcacg cttggtgcct aaccacgggc aaagtggctg atgtgccatt 180
 caagaggcac ttgttcacct gaacgtatct tgaatgaggg aatcctatcc agtagaatca 240
 acaaggatag atcgagtgtc gtaacacatc tgcgatacta ccatgggggc gaaccttctc 300
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 cgatcgctta tctggcttac tctgtgctga cttgact 397

<210> 6535
 <211> 104
 <212> DNA

<213> Aspergillus nidulans

<400> 6535

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caaaccccag ccaccaacac cataacacaa ccaccaccaa aaaa 104

<210> 6536

<211> 961

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 6536

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gtatggactg gctcggtaga cgtgataccg ccatctggat ctgtacattg aggacgtgca 180

gtacacaaag gccaacggtg aggtcgtatc agggacatac ctgccgatgc tatttgagac 240

tctagcggac ccgattgtca gcggccgtga agagcttggg atgccaaagc tgtattctgc 300

ccttgaggcg aatgagcgcg agggctcata ttaccttcaa gcgagctggc agggcgcggt 360

ctggggggcga ttccagtgcg aaggactcga ggaccaagat tcggcaacaa ccgccaggcc 420

aagcgacagt ggtgtcaacg gaggcttgct tcttcaccgc tacataccca aagttgggag 480

agactgcaag ggtcaggcgg aggttgagta tccggtgttt gtcccgaatg cagatgagag 540

caagatgctg gtctcaaagg taaaccgggt tcgtacagct acaagggctg catttgagat 600

tgatggcctt ggggtgggagg ctttgcaacg ttgcaccaca tcatcgagcg attggccgag 660

attccagtcg atgagattct gtcggcgaaa attgtcgagg gagaggggggt gccggatgtg 720

tcgtctgcgc gccggataga gtgaggacca caacaaagtg tgaatccttg taatattata 780

tccagacgac ggactagagg attctgatat ctgtactgat agtcattctt gagaggcgaa 840

ggtggttgag caggagacgg aggggattta gtcctcagca accttgggca atcgcttttc 900

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g 961

<210> 6537

<211> 649

<212> DNA
 <213> Aspergillus nidulans
 <400> 6537

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 acggcttttgc ttttgctcct aggcgcaatt gctctagatc ttagcaaagc cgtaaaccct 120
 atcactggga tttctttttc aggttgtgct gcagctattg gtttcatgga tgtcacagtc 180
 tcccgtaect tttcatcagc cagggtccaca ggttcgccgt gaacaaacat attagaaaaa 240
 cagcgtgata aaggaggcaa ttcgaagcaa gccggagcaa acgggaaagc agctcaggcc 300
 cctacaactt tggcaaacgt tccgtcgacg attttcttcc ggcttcttgt gtcgtctgcc 360
 aggcagatga tggcctcaca ctacacatta gtacacaccc agtcctctaa ctcatgatct 420
 agcagaagaa ggaggaaggg aagagctaac ctgcgcgaag atgctgaagc aacgattcat 480
 ttgcgcaaga cccgggacat gatccaaatc tacattctct tacacattat gttaccacaa 540
 atatactatg cggcgtattg gaatgaggcg ataaatcttt gcatttgcaa tgacatgttc 600
 ctcacctac cttagaaac cggtttttgg acccgaaccc aggggggctc 649

<210> 6538
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6538

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 cttgagcgta ctggccgcgc cgactgccag gcacgactag agtcgtgac cactgacatg 180
 cgtccaagga actactccac gccgttattc ttggaaatcg cactgctgc taagcatgga 240
 ataatccgga agcataccac cctctacaga ttcagattag atactacca ggtatcttcg 300
 cgtacgcttg cgtgcaggat attgctccg tctagtggtc tccgaaaaca gacctgata 360
 ctcagttatt aaaccctctc ggaatcgga ataccgatac agactcgggt ctgagtcgga 420
 tgccgtattc acctccagca gtgccacac tttaccgaac tctaaccggc taataatata 480
 acggcttaaa gtctatgcaa atagctaagg caagaaccgc ttgggcatac ggagctagct 540

catctgggtc tgtagagatt ccctaacccc tgccttcgc ttttgatcta tttgagctgg 600
gagcgggaca atccnnaatg gttgctcccg cgcccgaata tttccacaa ctatctcctt 660
tttccgtccc tggacgagga gagcctggat ttaccagga agccctcaac ttctggtgag 720
aagcacttaa atttatcaat taatgggtctg gtgatcatta taaatttctt gat 773

<210> 6539
<211> 698
<212> DNA
<213> *Aspergillus nidulans*

<400> 6539
ccgcgcgcta gcattgcggt tagggcgcgc agagaccatc ccagactatt tttttgatgt 60
cccggtttcg tttgaaggag atacgatggg tatatataaa tctgcacaag tgttgaggat 120
agaacttgct cgaatccagg gtctggtgta ccaaaagctc tatagcccag ccgcactgag 180
gcaggacgag atggctaggg tggcggaggg ccgctggcta gctgccgaaa tgcaggatcg 240
tgtaatgctg ccgttcaagg tcagtgggtcc gcttcctcaa acataactgt tctaacatta 300
agcagaaact gtatcccacc ctggaaaact tgaatccgat cgagtacttg tatatcaaat 360
gcgatgaagt atgccgctta tcggttctaa ctttgattta ccgcgctatc cccctcaga 420
cgggcaccct gggcacgttt gtcaaagaat gcattgaagc tgccaggagc gccctccagg 480
cacacaagtc gagcatgtcg ctgctgacgg aggccaacca ggccacgaag ctctcatacc 540
ttcattggga aaacaacccc cgagtgtttt gcgagggatt ctaacttggc agggggatcc 600
tttattctcc cgttggtccc ttcacggggc ctttctggca cataattgag ggggtctttt 660
gggaagcctc taccggctta ggggggtgtt taaccccc 698

<210> 6540
<211> 602
<212> DNA
<213> *Aspergillus nidulans*

<400> 6540
acagcacaga catctcgact gtcgactcga gcatgacag tcgatcatga ctttcaagcc 60
cctaagcttc agcttcaccc tacgtatgcc tcacggagga taagcttcca gccactacgc 120
agttccaaca gtacaaaacg ctcatcctga tgaagtgacg ctgtgtaatg cagcgtcact 180

ttcaatctga cgtgcgaggc atagcacctt gccctccaac gagcaacatc tggaaacgag 240
 actggcacag atcgggtctc ttaatgctgg cttatctcgg taacaaaagc aaagctgccc 300
 ggaatcatga cgcggcatta ttggactgca acgctgattt ggacgccaca atttttcggg 360
 attgcaaata gcttgcttca agttggcgcc accagctctt aaacatccag aactgagatc 420
 aaaaagcatg cagcaatacc gaaccggggc tcgactcggt tctatgtccg ctctcgcatc 480
 gcatccaatg acaagttcaa gctgggttat tattgctcga tgctcgtcta tacagttaat 540
 cgagggacat ccattgttgg cgtttcactg tccagctgtc aaaggctccc caaaaacagg 600
 ca 602

<210> 6541
 <211> 637
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6541
 taaaagatcg tatccagggg tgggtcttcg caaagcaagt gtctgtctcg tacgtcagcg 60
 gctcggagat ctgcaagac atgctgattc gagatctgtg ctagctctcg cactataatt 120
 agtgatgttt gcaagtacta gtgaacgcaa aggcgcaaca cacctctcgt aagggtgttc 180
 taatagtctt catcgggtccg gcatgctgtg gtccaggtcg ctgtccgagg aggagaccgt 240
 ctcgatgaat gatccagcgc ttagctgccc cagttcgaag gtagattcga tgggcctgga 300
 atcgccgggc actgccgtca aggatgactc tgataattgt cagaactata ggcggccttg 360
 acacggcttg gcttcgaaag tactgtacct ttgcaactgg gccttttcgg cctcatccgc 420
 agaagtgttt gccggcggcg ggctgggggt atagttcgaa gccattaagg cattcgcggc 480
 tgccacgcac tccctgagca ccctgtatcc ctcttctgat tgatccgctg gtggtaccgg 540
 cacattgagt tggttaatat gaacgagcag agtacggtaa tcgttcatga gttcggccac 600
 ccttagggcg cgtgcttggt tacctaataa gatcagt 637

<210> 6542
 <211> 703
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6542

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cgaaacaata ancaaacccc cacacccaaa ggcgaattc gcgaanacgc ggggggccac 120
aaccggaggc acccacaaca gcgcgacccc cgggtgatacc cccaccccga gaggcaccaa 180
caaggggggaa gccgggagacg gagggcgaaa gcaacacaca gaacggccag aaccggacca 240
agagaacagg aagaggccga gagagaaccg caccgacacc gcaaccgggc anaaaagacc 300
cgacccgaan gccaccacga gcaagagccc accggaaaacc agagcgcgag gcagacggcc 360
gaacggaagc gcgccgggca acggggcgagc aacggacggc ggaaacgcag cccgagaaga 420
cggacagacc cggccccaac ggaacaagac ccggggccgga cccggacccc caacggggaa 480
gccccacag gaaggccagg ccaagaagag ccagggaaac ccgaacgccg aaaccccagc 540
ccgacccggc aaaaaagagg gcggggcgac gacacgcaa caaacagcac aacgcgggag 600
gccaccaag accaaacccg aggggaaggac acaacgggca gaaacaccgc ggacaggcca 660
ccaagagggg acggggacca aagacaaaca agccgcacgg gca 703

<210> 6543
<211> 677
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6543

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acgacaccgc aaacaacaaa aaataaaaac accccgaagc gccaggcgta gcaggagcac 120
gcaaangcgc accaacaaca gaaacgcaag gcgccgggaca attttcaaag gcgcagggga 180
gcgccgacgg ggggaagggg cgaagaagag gacggaccaa agcgcaacca agcccaccgg 240
gccaacgcgc ccgcacggag agccgcaccg aaagcacgcg aaccggcacc cacgccacgc 300
aggggnaccc gacaaaaagc ccaaggccgc aagcgacaca ggacgagccg ggaaaaaacg 360
ccccgacgcg caaggaaacc naccaggaga gggaaaggca cacagacaac aggaagggag 420
caacccccag cggcggcagg gacaaaggcg aagcacacac gcacacacgc ggccgacggg 480
aacaggaaca cggacaaacg cgagagaaa ggaacgaacc cgaaaacgaa ccccgcgccc 540
agaaagcacc cggcaagaca accacaaagg ccagggcaaa aaccgggaga aacggaaaac 600

ccaaaagggg ggcccaaagg cagcgagaga aaacgccag gacggggaaa ggcaaaagca 660
 aaaagccccg accgaac 677

<210> 6544
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6544

acctaagggg cgtcgaaaac aagacccgaa ggttggccct ttttctctag agagggtccc 60
 aaatgtaaag ggctgggcac ttgacgagca gccaggggtg caggctttcg tctgcctcca 120
 cgtcgtgaag ggagatagat acaggccagt cgggcatcgg aacagcgca acaggttggc 180
 tttttgaaat cgcagcggag atgctgcgag cgacactcag tgcaagcgac ggtcattgtc 240
 cgtccttttg gcttataata gtaaaccgggt agggtgaaaa tgggtagta agatcggtag 300
 atggatagaa tcagggttga tgacgccgat tctgtcgggg tccattctcg atcaccgat 360
 tcgccaaggc atgtggcacc agacgacgta aaggattaaa ttttaattaat tttaccaatt 420
 ttaattgagc gccaaacttt actgtaaact ggactaggct aggctagata gcgaaaactc 480
 tagtgactct acggtaatgc cttgttgtac cggaacc 518

<210> 6545
 <211> 630
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6545

ataaccctac taaagggatc ctggaaaata cacagggaag acttctatgc tctgggtggg 60
 ttgagaagct gactgtattc catTTtgagc tcagcgctag ttgaaacata cctcttgagt 120
 ggggaccgta agcccgagag tttatagagt gcacttgaaa ccgcaggatc aagtagacga 180
 ttagattgca aagagaggta aaacttccaa gtgcatggta cttctcctac tcagaatata 240
 tctctaaata ttgtctgagt tgaaacgtaa ctccgcagaa cacagtcaaa gcttggggac 300
 gagcctagat aaccggctcc agacctgga attcaaaact cattcaatgg gaagcaacta 360
 gtagtttgtt atcacacata ggtttcagta actaattgta tcggttaatt tctatgtttt 420
 gggggcaatt tcattgggag caattttaaa gagcccgttg actattttga ccaagcttga 480

atggatatac cgccacggcc gaaagactga ttactgcgat gctctgatgc tttattgagc 540
gtttggaactt gctgagggtgc tgcatttttg ataagatgcc tttctgaact gggatatgggt 600
tggttaatcc ctctcagtgg taaaaacat 630

<210> 6546
<211> 562
<212> DNA
<213> Aspergillus nidulans

<400> 6546
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ccttttcatac tctccttatac ttgcgcgagt attccgaccg tcaaggtata attacgcccc 120
atgccgtctt cgcctataaaa gacgtctcaa cccggcgccct gggtcctatc atatccgttc 180
atcacatcgc tggagacaag ttgcgcgtcc ctgttctgcg cgtgggtcttc tctccgttct 240
ccttgcttag cttttcaaca ttagcggacg ctcatcctat tactctgcta agactcagga 300
acatgtcatt gttgtagaac gatcactatc cgtacagcca ctgtccacgc ttcagaatct 360
cgtcccgagc aggaccggc gcaaccagcg cgaccgtcag agagcccggc gatttcagac 420
gtctgggtccc taggagtctt gcgatctgct ctaggcaaag cgtaggtacc catatcgcg 480
caagactact tcaagccata tgtggatttc atgaggactg acgttataat attaatacat 540
cgcaaccgtc caacggtctc cc 562

<210> 6547
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 6547
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tccaccagcc ttgcgtcaac tgtttgctga atttgacagc ctgttgcttc ttgcaaagg 120
cggaaagatg gtctatttcg gtgacattgg cgacaacggt tcgaccgtca aggaatactt 180
tgcccgtcac ggtgccccct gccctcccaa cgccaatccg gccgaacaca tgattgacgt 240
cgtgtctgga tccctgtcac aaggggcgca ctggcacgag gtttggaag cttctccaga 300
gcataccaac ggcgagaagg aactagaccg aatcatcagc gaagcagcgt ccaaaccacc 360

tggaaccgta gatgacggcc acgagttcgc catgcccctc tggcaacaaa cggtgattgt 420
 cacaaagcgc acttgtcttg cggtttaccg gaacaccgac tatgtcaaca acaagctcgc 480
 cctccacatc ggatccgccc tcttcaatgg cttctctttc tggaaaatgg gtgcatccgt 540
 cggtgaactc cagctcaaac tattcgccct tttcaacttc atatttgtcg cgccagggtgc 600
 cattc 605

<210> 6548
 <211> 711
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6548

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 gcgatataac cttcagtcgc tttcagtaga cttcgtcttt acgtcataac taggttggag 120
 catcatttgt gaggcgggta tcatattgtt atggagggcg gcggatcaca atgatgaaca 180
 gttgattcta cacaaaaaga ggcaatcaac gagatgacaa cgatcatctag gagttagtaa 240
 agtgaatatt ctccattaga gataatagct tgataccaag ggcattgtcc aatgcttcat 300
 ttagttgtcc ctgcaaaggt tacagcaata cgtcagtcac gtgcacgcac gcctgtttgt 360
 tgttcttcac tatcaaccat ttctactatt tcatcacctg cttcactcaa atatacctc 420
 agatttcaact tggatttcaa tactagctgt gctttctggc tcttgggtcaa gttattgctc 480
 tagtgggaga attgtagctg ccacttggct taaaagcccc gctctttctg ttgccgtgga 540
 tacggtcgcg caactttcat gattcgcgaa taacggcggg cactccatct tgagggtttt 600
 tcttccccct aatttggcga aaataattgc atttaactct ggttttgcac atttgtctat 660
 cgngatccat ccaaagcgg cttccgaccg gntgttcaag cgtttgggct c 711

<210> 6549
 <211> 727
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6549

gatacgtctt cttatataag tcatcatctt cacttgcttt aatcattgca tgcacagagt 60
 tttcgagatg atactcatat gctttgtaat tcaagtgtcg gtattaccgt atgaaaatgt 120

cttgaactgg aaaactaaat tccgctaacc aatcatagga cgcctagatc cagaatgtca 180
 gccactatcc cggatctggt aagaggctcc tcaccccaca gtccttagtc acgggctctg 240
 aataacctgc cgagatttcc acgagttgcg aatcccgtcg ccgctcgtat tttagtgcac 300
 ccatccccctc gctggttctg tccgattcag tactttgtcc actattctca attgcttgtc 360
 cacttccctca tatcgaatca accgatattc ctgctcaatg gaggcccttc tccagcagtc 420
 tcggggccatg tgtccgtttc tcaagcgcag ctaccgaac acccttcggt cgttggtac 480
 cgctacccgt cccagcacca gccctggcgg tggtactatg accaatttgc agagaatcgc 540
 tcgccgctgc ccggtcatga gcaaggcgt cgctgtccag agtgcccga tgactggcac 600
 caagcgattt acttccctcg cggctggtgt acctggcgt ggagctggta ccccaagcc 660
 caccggggtt cgtcgggaag agggcgctga ctcgactgag gaaacggcgc cattgagcat 720
 gagttta 727

<210> 6550
 <211> 713
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6550

cccccaccc accacacaca cacacaacac aaagaaaaac caacaaaaca aacgaacaaa 60
 cccacccaac acccacacac cgaatacacg ctaaaaacan cnnccccccc gacggcgcgc 120
 gantaataaa aacaaccag ggaccaggaa agcccaaagg ggacgccgac gagacgcacc 180
 aattactggg cgacacggcc gggccgcgg caggggactc taacgaaaaa cgcagggacc 240
 caacaaaaac gagaacgcna cggcacgacg ccggaaccac ccaccacaaa caaggcaaca 300
 accacccgac ccaggaaagg gaaccgcacc ccagaaacga agagaagaga cagacgcgga 360
 gaaacgggag gaaccgccc gaagagacga agagcccaca agcgcacaaa gaggaaggaa 420
 caaaaaccgg ccgcaccaga acacaaaag acacagccaa cccaggcaga gccacaggca 480
 agccccgcgc agcgaccgg acaaagaaag accgcacaac ccacaaaaca cacgacgacc 540
 agggcaccca agcaccaagg aacaccacaa aaagagggcc aacacaccac caagaacccc 600
 acccaaagaa cccccggcaa acaaaccgg gaaaagaaac aaaccgcgc gaacacccaa 660

acaagcacac acccatcagg cagaaaaagc cccaaacaca acgccccccc agg 713

<210> 6551
 <211> 820
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6551

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 ccagtccact tactcacaaa aattagcaca gcgcgtgatc cgagggggaa aacgcaccgt 120
 caataccgtc aaggccgaat tcgtctacta gtcgctttgc ggactgcgca aacgtttctg 180
 tacaagactt gtcgagacc actgcagcaa aattctcact tcccttgcca cccctccta 240
 ttgagagtat aagtttcaac ttggaatact gcggtttcag ctgcgcgaat gccgaagac 300
 aaccagttgt gccgtcgacg ggcattctgcg tgtctgcca ctcactctc aactgatatc 360
 gaccttggtc agcacgccct gtgtcgaccg taccctcaat taaaggagtg ggagatatac 420
 atagaccgtg ccgtcttctt tgaccctaaa tgagacaaat aaggttggtt aacaatctga 480
 tttctactgc ggattcgga tccgcaagtg atgcatggct agtatatacc aggcaaaagc 540
 gtaaaagata tgggagatga atcccaatct gagcgatgaa ggaggttgct ttcgatatat 600
 gcgccaagtc ggatagtatg ctgcattcaa gagaaaggga tctcccagga gctgccactg 660
 aagcgttctg ctgctttacc gcgccagtgg ngaaaataga gcccgaaaac atgaatattg 720
 tgcagaccgc agccttttgg gtccgtgtta ttgagacaat taaaaaaaaat ttgctagtca 780
 gttgcaccaa caagaaggga gaaaatggat gtggtgaagc 820

<210> 6552
 <211> 652
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6552

cgataataca actaatatat gggatctaatt ttttgggttt aattggccct ttatatagcg 60
 cattgaggcg ttgggtccga ttcggctatt gagtattctc tgcgcgatcc aggtacaggc 120
 agtcagtctt atggtctgcc atcatgaacc cgacggacac gacatggcat ggtgtacagt 180
 acaggcgctg gaataatgga cgtcctatct ataccataga gtgaatgatt tgcatttcca 240

acatattttct tccaccttct tcacaaagcc gcaggtaacg ccttcttcac aaaaatggcc 300
 tctgcagttg tacacactac tccgttecta tctctcacia tcccttcaat aaacaccttc 360
 ctccccctcaa ccttctccac ccttgccgac gcaacaacga cgggtcccgt ctcatcctca 420
 ggtatgagaa cgggcctttt atatcccaga ctcaacctcg ccgtaaacad tcccaagccc 480
 tcatccaatt tgcagccgc aaccaggttc ccgcataact cgtccataac cgttgccagg 540
 aacccaccgt gcgcgattcc tgtttgcccc gtgatgccac ggccaacacg taaaaaaga 600
 tggccttcta tctttgcttc tgcctctgag acttgggtct gttttgtttt tg 652

<210> 6553
 <211> 596
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6553

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 tcccaactag gtaatcttca gcttctcgtc gactgaacgg ctgtgtcccg gcatcgtttc 120
 cgtactggaa cgcctctgtc aaggctctcc ggacagcctg gggcatccgt ccagaggagc 180
 cgcaaacgaa cacagcacct cccttgatc gcaggagatt aaagaccagg cttgagttct 240
 cccgaataac atcctggaca tagacctttt gcttctggtc tcgcgaaaac gccgtcagga 300
 ctttgagttt gattaagtcg ctcatgtgct gccattcgtc ttcgaagaag aagtccgcgg 360
 ctcgattccg accgccgtac acgagaatcg tgggctcgat tggcggatct acgccgggg 420
 ttttctctag ataggacttg acgatcgcg ctntttccca tagcatggat cgnaaaggcg 480
 caacacctgt gcccggtcct atcaacatcg tagggccgac tagttggccg acngacgagt 540
 ngagggccgc ctctgcagc tggaatcatg gtgtgcttac tggctcgagat ggaaat 596

<210> 6554
 <211> 533
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6554

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gatgggttttt tgccgggagg cgcagtacca aggtgctcgg gctcggttgc cagagttgga 120
catagccggg cgtacctcac ttgaaatgag cagacacgtc tgcttccatg tagtcgctgt 180
actgcttgac ccaatggacc ctgtctatga tacggagtgga ctcaaactga accagaaacg 240
gatatcgggtt tcatgtatgt ggtggaactc actagttcga gacagagtat ggtgggctga 300
ggccatggac actgtaggag ggggaagact gacgtacagc cggcgccatg ctgcaacacg 360
gccgtaacga agcgaccatg aggctgtgct caacatctag agtcagcacg atgggctggt 420
ggatgggtgct ttgcggaaga acagggacag ctcaagctga cgtagtccat gtatatacaa 480
agcaggggca tgcgcgatga tctggtgcca ttgcagagtc agacatgagc tgc 533

<210> 6555
<211> 1196
<212> DNA
<213> *Aspergillus nidulans*
<400> 6555

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cggccagggtt ctttgttcga atgtaagtcg ccgtgacatg agatcacagc agccgtggta 120
accgccgtag tgcattcagtc accgtgacga atgccgatat cagcccagtc gacgaggtgg 180
tgctcgacgg ggcccagcgg ccgctgaaaa actggccaag aaggaaaccc aacgggtgtgc 240
agctaaaccc gctgtggata atcttgagaa agagcctgcg cctcacggcg agctctacca 300
tcggcatacg cagggcagta cctccactct caacactccg ctaccaatat cccagccga 360
atcgggactc cggccgtcca gcatattaag ggaggattgc ggttgtacca cccctaagta 420
ggaataccta atagtgcgct tatagtctta tacagaccta ctgcagatta gctacattgc 480
tggtttatga cacgattgta cgacaccaat aaacgggggtg agacgaaact ctgacaccgt 540
atgcatgaaa aaggtattgc gaaattagac tagagatgta ataacagtca cgcattatga 600
cgaaatacct tcataacgaa gcatatttta aggagataac aatgaggcat gataaccggc 660
tactgttaag aacggtacac acatcaatac tgctcaggtg tcgatcagtg ttagacgagg 720
ataaccatat aatactgaaa ctgttataaa tagggaagat atgcgtttcc ataatatcag 780
gatcatgatt atgtctgaca aagtcattga tcaacgatca acgtcctatg aactgcatt 840
ctatgaacta tgcatacgaa agatcacaaa ctcaagaagt acctttacta taaatcgcac 900

actgataaat ataatcaatg aaaacgtata tgcacatctt acaacgtatg tacaacagaa 960
tcaactctcta ggatcaatac tctacatcta gagactatca tgacacataa acattacgta 1020
ggagtatgaa tgagtaataa tgaacaaggc cgtatatata tagatacatc gaacctgcac 1080
aataataacg gatctcaatc gctgatgatt gcttcacgat gaggatgttg attataacta 1140
acgatgaagt atcgacaaac ataacgatgg ctcacgattt acatctgcat agtgta 1196

<210> 6556
<211> 686
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6556

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aactacacca acaaccaacg cccccattat cagcacagcg cccaaccaa acaacgggga 180
cacgacagac acgggggycg cacacaaccc gcaccacaaa ccaaccacac ccggagacga 240
ccaaacccca gacaacaacc cacagatgac acggcagcac aaccgcgacc gggccgaggg 300
cgagaacacc aaggacagac gccccaacag aacaacgcga caaacagcgc accgacaaca 360
gccccgagga caataaacca caaaacaacg aacgggccag gaccaacgga cggcgcccca 420
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acaagcccc aacagacacc gacaggccga ccgcccgaac gaaaccaact cgaccccaga 540
agcacaagga agggcaggcc ccaaaaaacc ggccaagaac aaccccagcc ggcaccgccc 600
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<210> 6557
<211> 1004
<212> DNA
<213> *Aspergillus nidulans*
<400> 6557

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 tcggaaactt gttcgagtac tttctcgtac gcaagaataa ggggaaggag ggcaaagaca 420
 ggcattatct cactgtataa ctacctttcg ccgtccatat gttagtgtcg accttttact 480
 agattgtcgg cgctacatca ggagataccg gaagcgcagc tatttactgt gttcgaggga 540
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 cccagatgac tactcgtctt gacgccaacg tacataacct tactgttgag ggatcatttg 660
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 tttttggcac atatggggca ttccaatcgg taggaccctt aaacaaatgg gcttcccacc 960
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<210> 6558
 <211> 871
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6558

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 tgcagtcggg tgttcgcgt caaacagcca gatgtattat acaagttgca aagcaggaaa 240
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 catagggagt tcggtaaaac ttcgtccccg ggaaatgggc cagatgacag cagagaaccg 360
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<210> 6559
 <211> 720
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6559

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 cgccctngac acggaacac aggaggcgcg cgacccganc cacaacaaca aactaaaccc 180
 cccttattcg ccaccgagac acccagacac agaggggggc ccaacgaaac aacaggcgcg 240
 gccaaaacaa cagaacgcgc cgacgcagag aagccggggg ccccgcccaa gaaacagcga 300
 aacaacgaca ggaccacta accagagaca aaaggacccc gaggcgaaac ccaccccgca 360
 aagcacaacc ccccgggcg aaaaccacaa gagcgcgagc caaggaagga ggaaacccag 420
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 gcccaaccaa aacccaacg acggcccccc cgggcaccaa cccaacgcaa aggagaccaa 540
 aacccaccaa ccgaccgacc caacagcaaa aacaaagccc ccccccacc acaacaaaca 600
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<210> 6560
 <211> 1071
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6560

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gagttatggg aaaagataaa agtggaaaag caggtataat taaagttgac ataagaaatg 240
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cgagcacaaa gtgaataaag ggccctttttg agccaagcaa ccattttcca atggggaaaac 360
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<210> 6561
<211> 926
<212> DNA
<213> *Aspergillus nidulans*

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cgagtcctca agagtacaga gtacaaagta gcctccttca aacgccgaaa tagagtttta 180
tgactgtcaa tcaacgtcta cggatatatt agcccttatt ttgaaaatac acctgactac 240

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tccatagttt ccccttaact tcagtcatac catgggtcat ggaatttaga ttgtgtgttc 300
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 ctattttggga cctcgtcatt ctatggattt tggataatta agcagacata cgaggtaactt 420
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<210> 6562
 <211> 1562
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6562

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 tgggtgtggag agagatggat gtagggagat aaggagaagg tggagattag gagcgtataa 180
 gaaagtagga gtagaagaaa gaagagaatg ggaatgtaga taagaatgta gagttgtgga 240
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 ggataatggg agaagtgtga ttgtagtggg gaagggaaaag atagtgggga gaatagagag 360
 aaaatgtaat taagaggaag atggtgatgg aaggtaataa tggaaataga atagatgatt 420
 gtgtgatgat aaggacaata gtagaagtag tggcaaata gaagaagggga tattaagta 480
 gatataaaga taaaaaaggg agattgagtt agtatgaatg agagagggag aaagtgggtg 540
 actgaatatg aagtggaatg aaagggaaat gatatggaaa tagagagatg gtggctggtt 600

agaatatatt gaaatagggg aagaaagaga gtacagtgtg cagcaggagc gtaagagaca 660
 cgatttaggt tagactcaca tggcggacga gcagggcgtc catcttatag aactcgagac 720
 cgagacatct aactcaggcg actatcttcc aacgagcgta ccgcgaagcg caaggtgagt 780
 cttcagttga tccatctggt ggtgggaatg atgattatcc tcctcgttaa gccgaagaga 840
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<210> 6563
 <211> 422
 <212> DNA
 <213> *Aspergillus nidulans*

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 atgtttgaca cttgggattt tctcgagata atagactgaa acgcaaagct gagactagcg 240
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 agcgacacaa ttatagtggc ttacatgtc gatgaaagac gcacattcaa tacactcatg 360

ccataccaca gttacgtaca acgaagtgct ctgctagcgc agtgtcgcga tagtaaggaa 420
at 422

<210> 6564
<211> 718
<212> DNA
<213> Aspergillus nidulans
<400> 6564

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aactagtgcc ggccaggctt cctgcctgag cgtgagcact gacatattct tctctccctc 180
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<210> 6565
<211> 1262
<212> DNA
<213> Aspergillus nidulans
<400> 6565

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gaaaagatat agaggattat taaaatagta ataattagaa taaacctaaa agaaggaaga 180
agagggcacc aacaacctaa acaaacatta aaacagtacg aataaaaaaa taaaaagaga 240
gttaacataa aatattaaaa atttgtaatt aataaaggag cccaatttga aagatacaag 300

aatatgttag taaaccaccc cgtgaatagg taagaagcaa gacgccgtaa tacctataaa 360
tatcggaacc caaataagaa aaaccggtac tcttcccaga acacgtatct ccgagtagga 420
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<210> 6566
<211> 854
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6566

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acgaaacgga caaaacagta gcggccgggt aacttacgag agtcttaccg ccgcccacac 420
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gagaatgaca gagtgcctaa gctcacttct atgcaactgt ttcttcagaa gatatagttc 780
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<210> 6567
<211> 525
<212> DNA
<213> Aspergillus nidulans

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tttagggctg gacggtgttg ggattgcgcg aagaatgggg tgatttgagc ttgacgttgg 180
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<210> 6568
<211> 593
<212> DNA
<213> Aspergillus nidulans

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ctgcaacaac cgagcagcca tcatcgtttc aatcttctgc cctgtccccc agctttgaca 180
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<210> 6569
<211> 606
<212> DNA
<213> Aspergillus nidulans

<400> 6569
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gtacctttcc gatgggtcca atgagaagat ccaagccgtc atcgaagccg gcattccccg 180
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tggtatcatc cccccgcttg tgcattcct tgccaacggt gactttaaga ctgcgagga 480
agcttgctgg gctatatcca atgccacaat ccgggggggtt gagaagcccc accagacccg 540
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aagatc 606

<210> 6570
<211> 714
<212> DNA
<213> Aspergillus nidulans

<400> 6570

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ttaccaatta cgcctgcatt gagcaagtcc agatgcgctt ggggaaggcag agaaagccgc 660
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<210> 6571

<211> 606

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6571

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gaagaaagaa acanacaacg ccaacgaaga agcccacgaa agcccaacaa aaacaacgac 180
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aaccgcacca gcaaacacag cacaagcaca cggacccggc ggagaacgaa cacagacagc 360
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ccaagggccc agacgcaaaa caacaccagg ggccgaagcc cccccaagg aggcacaagc 480
ccgaacccga aaaaccccg gacccccca aaagcccaag caccaaggca ggccaacac 540

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<210> 6572
<211> 833
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6572

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ctttccggt caccggcggt ggcgggnntc agccgacagg aatcacccct tctcttttta 720
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<210> 6573
<211> 1637
<212> DNA
<213> Aspergillus nidulans

<400> 6573

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<210> 6574
<211> 742

<212> DNA
<213> Aspergillus nidulans

<400> 6574

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tggagggtccg ggtttttgcgc gtggtaacttg gtgtcgccctt ccccgccctt gacgcgagaa 240
tacatcgtgt tcacccactc tctgatgagc gatttctctt cctcacctcc gtataccatc 300
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tatttgggtc gtgtgaagct catgcaagag gtaaccggac aagaaaatgc tcgcgagtca 660
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<210> 6575
<211> 708
<212> DNA
<213> Aspergillus nidulans

<400> 6575

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cgggatgatt tcatccaaat ttgtgccag gactccggtc cagctcaagc tccgataatc 240
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<210> 6576
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<212> DNA
<213> *Aspergillus nidulans*

<400> 6576
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<210> 6577
<211> 1081
<212> DNA
<213> *Aspergillus nidulans*

<400> 6577
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caggaccgcc cacgggtacc actgatgtga gcgaggtgt ggaggccccg attagactag 180
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 taatctttgt aatttgacag actgcccgtt tttccaacaa aaggtaacta agtttggggc 1020
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<210> 6578
 <211> 651
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6578

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 cactaaaact tacctcacct ttgaccaggg ccggttcagc cccggactgc caggcctctt 240
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<210> 6579
<211> 985
<212> DNA
<213> Aspergillus nidulans
<400> 6579

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<210> 6580
<211> 721
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6580

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 aggcaacagg gcaaagaccc aaacgacaaa aagacacgaa cgacagccgc gacagacgaa 480
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 gaccacaccc acaaggacag gccaccgcca aaaaaacacg gcagatccac aaaaaccacc 660
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 c 721

<210> 6581
 <211> 387
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6581

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 aacgtcctcg gaaggcatac acttgccgcg gtacatctgc catgtatcct ttttcagtga 180
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<210> 6582
 <211> 835

<212> DNA
<213> Aspergillus nidulans

<400> 6582

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<210> 6583
<211> 595
<212> DNA
<213> Aspergillus nidulans

<400> 6583

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<210> 6584
<211> 514
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6584

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<210> 6585
<211> 919
<212> DNA
<213> Aspergillus nidulans
<400> 6585

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cagagtgagg cagcgctaaa gagtaatatc gagcttggtg aaccgtgggt gagggatcta 240
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gttaatcaat attccccctt gttagcatac acaggattat tcctcagctt tagattttat 360

ccaattatatt tttgattggt tcacctctat tattgctctt actatttata taatatctct 420
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<210> 6586
 <211> 546
 <212> DNA
 <213> Aspergillus nidulans

<400> 6586
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 acaagtcac cccattatgc cctgacaaaa ttctaacct acagagttag cgcaacaaga 480
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<210> 6587
 <211> 951
 <212> DNA
 <213> Aspergillus nidulans

<400> 6587

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tgtagaaagg ccccttcggt gggaggggtg tataccagag cccaattggt ccggagtttc 600
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<210> 6588

<211> 488

<212> DNA

<213> *Aspergillus nidulans*

<400> 6588

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ccagaaaaga aaaaaaagaa aaggaacagg aatcaactcc aactccacag ctgtaatttc 420
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<210> 6589
<211> 666
<212> DNA
<213> Aspergillus nidulans

<400> 6589

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<210> 6590
<211> 665
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6590

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 aaatagaata gaacagaata gagntaaata aaattaaaat caagtcattc cgctggtgtc 600
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<210> 6591
 <211> 1335
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6591

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6592

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<210> 6593
<211> 449
<212> DNA
<213> *Aspergillus nidulans*

<400> 6593

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<210> 6594
<211> 1144
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6594

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cattgtgaaa accagtatct aactggatga aaaccatata agctggataa aaaaataaccg 240
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 <211> 363
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6595

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 gaattctgat ccttaccgct agacctgaag cttccggcaa aaagaacaat gatccggcta 180
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 accagacatt gcatgcttaa acggcagtga cctagagaaa tgaatactgc tcgacggtcc 300
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 cat 363

<210> 6596
 <211> 298
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6596

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 ccagacagcc ttgtggcgta ttagctgcgc tatcattgta agacaacgca tatggaaccg 180
 aagttatgtt taacgtcgtc acgtgtcacg agacaacttg gtggctaattg cctggagggg 240
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<210> 6597
 <211> 1106
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6597

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<210> 6598
<211> 660
<212> DNA
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<400> 6598

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<210> 6599
<211> 463
<212> DNA
<213> Aspergillus nidulans

<400> 6599

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<210> 6600
<211> 412
<212> DNA
<213> Aspergillus nidulans

<400> 6600

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<210> 6601
<211> 572
<212> DNA
<213> Aspergillus nidulans

<400> 6601

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<210> 6602
 <211> 486
 <212> DNA
 <213> Aspergillus nidulans

<400> 6602

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6603

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<210> 6604
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 <213> *Aspergillus nidulans*
 <400> 6604

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<210> 6605
 <211> 813
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6605

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<210> 6606
 <211> 554
 <212> DNA
 <213> Aspergillus nidulans

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<210> 6607
 <211> 477
 <212> DNA
 <213> Aspergillus nidulans

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 caaggggtggg gctgctcgct atgtgtctgg caagatgcca gtgaatgccc gcagtgtgcc 420
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<210> 6608
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<400> 6608
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<210> 6609
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<400> 6609
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 tatcggtctc agtatgtgct agccccctgt ataaacgcct ggacgtgccg atgtggatac 780
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<210> 6610
 <211> 391
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6610

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<210> 6611
 <211> 932
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6611

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 <212> DNA
 <213> Aspergillus nidulans
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 aagatagaaa acgcatcgga gcaggaatca aaactcccc tgaaggggat gaacagcagt 360
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<210> 6613
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6613

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<210> 6614
 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 6615
 <211> 572
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6615

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<210> 6616
 <211> 945
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6616

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 <212> DNA
 <213> *Aspergillus nidulans*

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671

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<211> 968
<212> DNA
<213> Aspergillus nidulans

<400> 6618

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<212> DNA
<213> Aspergillus nidulans

<400> 6619

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<210> 6622
 <211> 827
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6623
<211> 595
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6623

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<210> 6624

<211> 710
 <212> DNA
 <213> Aspergillus nidulans

<400> 6624

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tatagctcta gatctatcag tttctgtatc gacttttgca catttttctt cgattttcag 600
ccgccctttg gttagatatt caccaaaata acattttgga cggtcattctt cgcgtagtcc 660
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<210> 6625
 <211> 469
 <212> DNA
 <213> Aspergillus nidulans

<400> 6625

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gaaagggatt ggatgatcta acaatgcttg tgtcactgtg gacggtgcaa ccgacggatt 180
gttgcggtgc acagtaagga tagacacctg taatgcgctg atagctaagc acagtttcag 240
gaagctagac atgactaatt gacaggcctt tatttttgta gacgtaatgg tgaggggttag 300
gttaatgcgg ttctgcacgg acgtctgcgg taatcgtggt acaagggggc ttgacctgct 360
cgtgggtggtg ctagegacaa taattgggta cttggagata catgggcca ttgtgcgggc 420
tggttttaggt atatatatct tagctaagac tggacagcag aattgtggt 469
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<210> 6626
 <211> 622
 <212> DNA
 <213> Aspergillus nidulans

<400> 6626

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agacggttcg agacactact gcgcgtgacc accacacagt tgattatatg atagaggaat  180
aataatgaaa gaagaagtgg aggggcaaga ccgcaggagt gagtgggtaa gagggacggc  240
agcagccagc tttccgcttc aatgagaata gccgaacaa gcttgcgagt cgcgacgacc  300
ctgagtacgg ttatcgacag ggggtaacta tccaggagga accaagtcca gagcgttcag  360
aggaatgtta ggagaagaag aaaatatata ttttaggcgt caaaattgga tgagttagta  420
aaccgagttc acggaccatt caatgaaaga ggcccaggca cagttaagcg cggagcaaag  480
aggagccgtg ggcgtgaaga gaagctagca tgagggtagg cttctgactg atagacgtgg  540
cgaccgcaaa agaactaaag agtgggtgtc gggcctgtcg gcatccatag tttttttttt  600
gtttttgaaa aacctcacc tc                                           622

```

<210> 6627
 <211> 824
 <212> DNA
 <213> Aspergillus nidulans

<400> 6627

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gcccgtaac acctgcgagc caattaagga tctctactgg gacgtgtgga actgtaacgc   60
gactggtgtc tactcaggcg tccaaagcag catgaatggc aatggtgacg atgactctaa  120
ccttgacaaa acattccttc gcggaattcg gaagactgat gaagatggtg tcgccggggt  180
caagactgtc tttcctggcc actactccgg ccgcacaacg caggttcacg tcgttgctca  240
cctcaatgca acacttctgc ctaacaatac tcttacgggt ggatacgttc cccacattgg  300
acagctgttc ttcgaccaag acctgatttc cgcggttgag acgacctacc catacaacac  360
caacaccgta gcgatcactg agaatgcaaa cgaccacgtt gttatagtcg agactgaaga  420
tagcaattcc gaccggttct tccaatattc tctgcttggg gactccattg aagatggcat  480

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tttcgttgg gttactctag gagtcaactc ttccgtagc cagactcaa ctgtttctta 540
 tgccgccact ctgatctctg atggagggtg ctcaatatca aatgccggct cgggtgtttc 600
 tttctgaatg cacacagatc aattaactga tatgtgtgaa tgttggtcag ctttgcaagc 660
 gtctcgtttt gtggatttgg ttcactttgt tgctctatac tgaggctgtt tcataagctg 720
 acattacttc aattccacct atttcttttg agaaaaacca taattatcct gattgaagat 780
 accccaaaac aaaatacgct ccttaccggt tcatcgatag acac 824

<210> 6628
 <211> 635
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6628
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 catagcgttc tccgatactc gtgatcattg aattgcaacg aacctgttgc gtgatgctgg 180
 acttgtgccg gccgaaaacc gcgtagcctc ccagcagtcg tgcaaggaaa ctatcgtaat 240
 gcccctcctt cccgacacca gcgggggttg gattgcgcaa gacaatcata gagctcttgt 300
 atataaagca aaagacggcg aggttacggg catgttggcg ggtcgcgttg agaacgagct 360
 tgactttctc gcgaatactg catgacgtag gtatgtcagt tgatgtcgcg cgcccgtaag 420
 agaagatgga gagaagatgg agatctgggt tgagtagtgt cgatccgggg agtcttacgt 480
 tccggatcga aaaagaaaaa tcattctata acagaaatct tattagcata ctatccgtga 540
 gggaatacct ggaggggttg tcacatacac caaggctgcc ggaaccggcc ttggcgccgt 600
 attctgcgcc attgctaata ccctttaatg gtaca 635

<210> 6629
 <211> 534
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6629
 gcaaagccgc gcggccaaat gctttgttgc tcacgetgca cccatcttgt gaaaggttta 60
 tggctgacag cagcgcacga gccaggagcg aggacttgag gttcgcattt gtctagcata 120

gtccgaccat tataacttaat ggaggggatc ggaaccacag ttcattgacaa aggacagacc 180
aaccaggacc gggaaaagg ctaagatcga tgcctacttt gaagacaaca gactgaacca 240
aagggatatt tttgtctaac cgaactcgca tattggagca atggaatgta gctatacacg 300
acaccaagtg ccagataagc acgaatcata cactgcctag gcacgggata atcgaggacg 360
agacatatga agtgggtact cctgctctct gaattgtttc aagacataga gcataaagag 420
ggtgcagaca gaaaacttgg ctgtgactgt gggctccaag actcactgga ttgaactcca 480
gactgagaat gggagagaat aacattataa cacgaaacgc aagatcagtc aaga 534

<210> 6630
<211> 655
<212> DNA
<213> Aspergillus nidulans

<400> 6630

aggccgcgtc tcccaactct atatgcaata acgaacctcg ttgatgtcct tgccttggag 60
cttttcaatg agcttctcga ggcgctcgtc gtcggcgctca acaccgacgg aagagagaac 120
ctccttgatg tcggaggcgg agggagactc gttgccagca agggcgagga ggaggtaggc 180
tgcgaggtgc ttcattttga actatagcac aaaatccgat cagtcgctaa tctcagtgtc 240
agccgtcaat tgaggaaatc acatactggt tgatttaact atcgaacaag agaatcaatc 300
gatttaaccg caagttgggc ggagactgaa acgtcgagtt cgggttgggt tgatgtcgtg 360
aagagggaaa gaaacgaaaa gtctgagatc accaaattag cggaaaagtg cgttgtggct 420
ggtgctagtg gctgagccga ctaagegagc tctgtggcgg ttaagtagtc acgtgactgg 480
ctcattctag aagacagcat ggagggatgt tccttatctg tcacgcgcaa taagacagct 540
tcttctgagg gcctgaaact cactctgcac cagcaaaagt ttggcatcac gtaccttgat 600
tcatagccct ttttgcacct cgggtgatag gcctatactc gtcgaacact ggttg 655

<210> 6631
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 6631

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agtaccgtgc tgagaccctg tacgagggtc ctcaggacga cggggccttc gctggatatcc 120
 gtgactgtga cccaaggct cctctcatgc tttacgtctc taagatgggt cccacctccg 180
 ataagggacg tttctacgcc ttcggtcgtg tctacgccgg tactgtcaag tctgggtctca 240
 aggtccgcat ccagggtccc aactacacc ctggcaagaa ggacgacctt ttcacatcaagg 300
 ccattcagcg taccattctc atgatgggtc gtttcgtcga gacaataaag gatgttcccc 360
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<210> 6632
 <211> 592
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6632

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 aggagcgacc gtcctacgtg tcggatctct cgtagttccg gaggtcctccc gttagccgggt 120
 cagagactgc tccagccatg ctgattttaa gacagcccat caggcaggggt agaattatctt 180
 cgaaacttgc actagaatcg gttctgtgat cacacagcac ctgagagcta taccatatac 240
 agcaggccct gaagaacca aacaacactg ttgctacccc catccctacc cagcccgcga 300
 tttggcgtct aggtactaga aactgcaga tcagacctca tcgtactggc aacagaccat 360
 gcagaccctg gccgcgtcta tagcaaggca atataaccag ccactccacg agcaggtggt 420
 tgcaggaaag gcgacggcgt atatggtaaa atgtcctagt actttacagt ccggcattta 480
 taagctaaag tttgacagta cctctgtgca ctctgttggt aactaatggg atgcagaacg 540
 cttactagta cacggcgctc gtaatccatc ttcgggttgg cctctaactt tt 592

<210> 6633
 <211> 867
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6633

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 ctcgtcacac gtttatgaac cagatccct tcccctcatc cgaggtcaga acgaccggaa 180

gaggaagttg cgatggcctc gcagtgggtc cttattttct ttttccttcc catttatctg 240
 aatcgacctc tcacattcac attccatggc catttgtctg cccacttggc ttccaaatta 300
 ttgtacccgc aggaattaat gcggaacaa tattatgatt agatagagtg agaaccagcc 360
 agcaaaccct tgaacaaaga cgacaatacc ctttcagact ccctcggtcg gaatctgagg 420
 gaatctgagg ctgtcaggct agagccttga ggaccgtgct aggctctgca gtcacgagcc 480
 aactgtgcat tgccaggctc gatcttcgcg actagactgt tgatctcagg gtccaaacat 540
 caagctgggg aagcttcgct agttctcatt ccgcttcccg agaagcttct tcaggcgaag 600
 acactctgca gtgtaattct ataatactaa acacgagcga ctcgagaaac ccgtcggacc 660
 agttaaacc cacccttttg tgctgagcct gctgatgatg ttacccttac tgtgttttga 720
 actccccatt ttccaatac ctgagtttat atgataccac cctaaccgtg tcttaacagg 780
 ttttaccxaa cactaggcaa tgcggtgttt tttttttctt tttttttata aaaaaaatt 840
 tgtggttgtt tataaaaaaa aaaaaaa 867

<210> 6634
 <211> 911
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6634

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 aacctggccg ggctataag gctgtgactt cgagaccggt ctgcaagagc taacagtagt 120
 atttgccaat gccgcgattt tagccagaaa tggatgcagg ccatacatga aaacctttca 180
 ggacggtcag tgatgctgcg cgacatcgga cagcccggat aatatatatt tgaaagacct 240
 aacagactaa ccgtgccagt taacagagtg ggcggttggc gccgcaaaa cgagcctcgc 300
 caattctgaa ccagtcttat cgccattgtc ccagccaaag gcgcagtctt cagccttcaa 360
 taaaggccct cgcagtccta accggagatt tatgaactct tttattccat ctggcaccgg 420
 cactataatc ccttcctttc cttttctccc tctccctcgc cccttccctt ctttccttct 480
 tctccgcttc tacctctact tcaaatacatt ttcccatat ccctttaaac ctcccttgtc 540
 aactcatcaa cgattaaaac cttttcccat ggaccccaa gcgcgtaccg gcttcggggt 600
 gtcttctacc cccgataata cccggcaacc gccacgycac ggaggccgc tgggccttct 660

agtcagagtg cctgcctatc agaatcgcag agatgtcgag ctgctcttga aagtcacaaa 720
 tcccgccttaa ccggacttgt cgaggggaaa aggaggaagg gagagggcac tatgatgtac 780
 cgtgcgattg gttttgcacc tcaacctttg tcaagctgaa aagggcgggg gcgtaaacad 840
 tacaagggtg ggttnggaat ttggttcttt tttttatttc cccaccccca aacaatatat 900
 atataatttt c 911

<210> 6635
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<400> 6635

cctgagccta gaggaggtat tatttgccac caagtttgtg ttctgccctt atacaagtcc 60
 agtacagttt gtctatctat gttcctcgaa ttctccaagt ttactgacgt accctcagac 120
 cgtgtttgtg acccgcccta gccgccagtg cgtattgtgc cgcgcgtact actgcgatct 180
 ccaactccac aacgtcgaca tcgacgcgat acctccagat gtacaatatg gccacggatg 240
 ctaccaccgg aatcaaggca atgcaaggac aatgggagga catttccgtc tatagattcg 300
 agattcgcga gcacatgatt atggcattcg aggggtgcttc gtgcagcatc tcggatgtca 360
 atggccagca ccaagctagt ttgcgcgagca aggatgcgct ggtacttcgg gaggttcgac 420
 ctggggataa gtgttatgtc cagaggggtc gtgtaagttg cagaaatttg aagg 474

<210> 6636
 <211> 604
 <212> DNA
 <213> Aspergillus nidulans

<400> 6636

aataacaaca aaaaacagca ccacacaaca tcttacaccc attaaaacac cgcaacacca 60
 caaaggggac acctgggaaa attaaaaaca tcaaaccac aacccacaa aaaactatta 120
 caattaaaca atcaatacca cctaatacaca gccatcaaaa cctactatta accaaacatc 180
 aaaggaaaac attacctatc tcataaacgc cacaaaacta tcacaaaagc ctattatttc 240
 ctaccaacta ataacaaaac gcttataaca ccataaatta attctaacad taaccaaata 300
 actccaaaaa aacataacct aaacaatttc caccacaaat acataaatac aaacaaatac 360

tctctatcta accaaactct caaactacta taaccaatt ataatcataa caataccccc 420
 ataaccaaac taaactaaat tattacctca acctaaacta caaatttaat gtatacatat 480
 aaatactatt aacaaaccct ttaatacatt cataaaaaaa ataccaaac tccaaaaaac 540
 tttttaaaat aaataatact acacacacta ctaccatacc ctcttagaaa aatatcacca 600
 ttat 604

<210> 6637
 <211> 357
 <212> DNA
 <213> Aspergillus nidulans

<400> 6637

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 gectgccgat cttcatatgg tctcttgect tctgctgcac tgaactccca aagctgttcc 120
 ccggccccgtc gttggggctg gcctacctgg caattaccaa agccctgtta taggaattcg 180
 cgctttttct ccagtccatt ttgtgcatcc gatggagcac ggagctctga tatgcataat 240
 atactgtcag tatcaaggac tgacagcatc tgtgcgcttg attgccctaa cgacctctgg 300
 aactctcgag gtgttgacac tgcactgaaa ggattgcatt gatattctca tacatgc 357

<210> 6638
 <211> 984
 <212> DNA
 <213> Aspergillus nidulans

<400> 6638

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 ataaagaaaa ccaaagaaat tagaagaaag agaattattag aaaaaaaact caaatatata 180
 aaattagagg gagacaagat ttaactaaa accaactatg aaagattaaa tgataaacac 240
 acagttacgt atcgaatgac aagaaaaaaa aaagggtacca aacaaaaaag taataaaacc 300
 atacaggcac tggcagctaa agaacaagat tacagaaaaa cacagggtac gagtgtaaaa 360
 ggaaacgagc aaaataatag aaaacagggc aaaaagacga aggtatatat atactgtaaa 420
 aagacgcata ctacaataga aagaggttta caaaagcggg tcaaggatta gaaaaggatc 480

tggatttggg aacaataaat cgatcaattc atagaaagta tataatgcgt ataaaataaa 540
 tcaagcatag gaaaaaaaca aggaatggaa ttcacaagtg taaaaccaca ttggcaaagg 600
 gacaagggca gtgggtggat caagatcaca cctgaacctg gtgatctcga gcacagtaca 660
 gtatggccca aggcattaac agaggtatta tcatgaggac tagataacac ggaattagga 720
 caaaggacta gcgcaagcag ctgtatatag cttccaccaa atacactgat ccgagggttag 780
 ctggctgtga aagtcatatg gtgggacggg aaggagaaca gctggaagtg gtgggtgaact 840
 gccgcttcgg ccggaggagc ggaagtgtgg ccttcagcag aagcgagcgg gcggaggact 900
 caagagtgtc gaaagaagtg atgttgtgta tgaaatgttc agcatcgaaa gagaaagtaa 960
 aataaatggg tgggattgga gagg 984

<210> 6639
 <211> 563
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6639

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 aggnannnncg aaacagagcn gagagaggaa ttaagggach aangcaggaa nctccacnng 120
 angagcaann angaaccacg ccaccggaan acnacggccc acncccgac ggaccccgng 180
 cgnnccgacc anncagcng cnacaacaca gcncggccga agggaccgga ggcgcccaan 240
 ccggcgacaa cggggcacga acggagaaac gcgaccaaca agcgaaggag ccannnacnc 300
 gngaaaccaa anncaagagg agagagnann anncannggc ngggcaaaan nnaannaca 360
 naacagagnc gggaagggga nancannacg aaaaaanaca gncaancag aagaangcn 420
 cncgacacac gncgcccgc cccacacagc ancgccaca gccccacng g 480
 ggagggccgg gccggcccca aaaggaaaga agcccccgng aagga aaagccgcc 540
 cgcacgccac ccgagccgaa aag 563

<210> 6640
 <211> 546
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6640

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cgtagagccc ggaggggtatc tggcatcaca tacgctgcag gtgaccgctg gctagcgctt 180
gctgccttgt gcaagacgaa caacatgaca acgaacgaac gcatccatgg accacatgaa 240
caggctgaga cataccagaa catgtgacga cctggcgaca cgaccataca gaaaaatgaa 300
gagacactca tcgctatcgt ccggatacac acagccaacc tcaataactg aaatgagcac 360
aaatcgttga tccgaagcga atgatacaca gaccgctcag cagtgtgcga ctttgcatag 420
aaccgcatgg ccgatgacca tacagcagac cgatcgccga cgctgaata cgagactgca 480
accagccccg cgtactaaga gacgatagcn tgacattcac caaggacagg ctgtctcggt 540
atagtg 546
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<210> 6641
<211> 836
<212> DNA
<213> *Aspergillus nidulans*
<400> 6641

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cagagtaagc agatagcagt gaggtaagga ggaaaggtag tgtagaagag aagagagctg 180
agggtcgaga acagagaata tataccagta tagtccctga agtgggtgac taggagtaaa 240
caaacgttgg cagggaaaca gaaatatatc acgtgatagg tggcgggtgc ggctcttccc 300
gattgtcttg gcgctctttg ctccgagcca accttcaacc agccctcgc tcttgacctc 360
ctaatacttc tgcaggtcga aacttgggag attgaccgga tggagtccta ttctacttc 420
gctatttagc ccaagttttt acttttgcgt tcttagaaca cctgtattgc ccatacttc 480
ttcggtaactt tctcgtggct ctgtgatgcc aagggaacca ttttcgccct tttcaattcc 540
agtttttaaaa taaggttttt acacccttc tgaatgacta ccttagtctg tgttctatat 600
ctgaactctg tctacactt tcttggatc gaattcttag tctcttttg ctgattccac 660
ggtccctttt tgcgactctc ctacttaat ttccacgggg tttctcccc ttaaatattt 720
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tattcttgtg taatttattt tccatttatt taatttcggt ttatatgccc cattcattca 780
gttggtttttt ttatttccaa agacggaatg tggcttgtga aataatgggc tttttt 836

<210> 6642
<211> 482
<212> DNA
<213> *Aspergillus nidulans*

<400> 6642

aaacaccgcc agactatatc aataccgtgc cactttcccg ccgtctatgt ttacagcttc 60
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gcatgcgccc aggccatgcc agcggagcct catgctctgt cttggccaga gagcgtttat 180
gctacactcg gagccgggtc ctgctccatt gtggcaggta tgcagcttaa catatgttgg 240
cctaggcagg gtatgcgttg tccgtacagt actgggctga ccacctcaca catatatata 300
cctctgttag ctgacgggaa ggctctggca ttctatgtgg gcattgatag atccggtacg 360
gtgactactt gaagagtccg acctaacaca tggacggagt actaggtgtg ggcatatcat 420
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ag 482

<210> 6643
<211> 567
<212> DNA
<213> *Aspergillus nidulans*

<400> 6643

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ctgacttttag atagtgtcgg gctcacagct caaatactgt agccctaaac actgaatgtg 180
gtcaggttgg atgatttaaa taagccatct aggaacttct atttcgattg tagcttgtcg 240
ccatcgcaca taaagcggcc ttagtgtcta tggtcggctc tagtatattg tagcatcctg 300
caatcaagaa acaaacagct agaacaaaga taccaagaga ctttcaaact aataggagta 360
tatcagtcca aaataacagc atcatagatt gcctttattt tcttttcttt tcttttttta 420
ttttcaaaat ttcgggggtg aggctcaggc gacatgcctt tcatagaccg taagactaca 480

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tgtagagct gtttcggctc tcttgct 567

<210> 6644
<211> 669
<212> DNA
<213> Aspergillus nidulans

<400> 6644

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cgcgagttt tgtatactgg ttccccggca tgaacatcgc ctgtctgcgg atccatgaag 120
tcgagcctct aaaagacgtg cagaaagaac acgagagcaa ttgggaggaa gcagcagtga 180
agcagctctg gggatgggtg aatccccgagg ctgttgcgag ggcctgtctt ctttctgttg 240
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agagcacgcc gtctgtgag cttgcgaaga aatactatcc gaacgcggag atcaggccgg 360
gcttagaggg gaataaggcg ttctggacaa cggacaaggc aaagaggatt atcggtggg 420
tgcatgagga gaaggagtag gttgagtctg gtggatatca tatgtgtgaa cagaaagtta 480
ccgggcaggg cgtattgctt gcgtgagtgg actgctcagt aactatagat cataaactgc 540
attcacatat gttataccat tcatatcaag ctgccttacc tcttaaatgg agtgctattg 600
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<210> 6645
<211> 1108
<212> DNA
<213> Aspergillus nidulans

<400> 6645

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atgttggaag cctgctggat ccggtggaga tggcgccca ggaacaggaa tgggaggcgg 180
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gcatcactgt ctccagggag tatcgacccg cttgcagttc gctcaagatt ccagatacta 360
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<210> 6646
 <211> 585
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6646

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 agtaggcgcc caactgaaac ctgaccccaa accaactgct tattgcataa ctcatccacc 180
 gccatgattg caccgccagt attattgatg gacctgccac ttccatatcg ataggaatgt 240
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 gccgtcgccc acaatgcac ggtaatctga ctacagacat acttaccgcg gtgtctactc 420
 ataatcgcaa aagaccccaa cactgatgga atagacacac tgcacctcgg atatcacaat 480
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585

<210> 6647
<211> 680
<212> DNA
<213> Aspergillus nidulans

<400> 6647

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ggaacattaa gggggcgggc 680

<210> 6648
<211> 241
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6648

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cccagganga gagaacgccc ggccagaaca aaagaacgca nacgcggaac agacacccgn 180
naagaacang acacnccagc caaaanggac ggcnaacca cagncaacan cnggcgacac 240
a 241

<210> 6649
 <211> 569
 <212> DNA
 <213> Aspergillus nidulans

<400> 6649

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<210> 6650
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 6650

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ttggctttta gccctggagg ctggtctggt tcgcgaatga cgaaagatga ttactacgta 480
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565

<210> 6651
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 6651

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aggcccgtgt ttacgtggga gcccgactgg gactagcgtg gtctgctatc gataagctta 180
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<210> 6652
<211> 492
<212> DNA
<213> Aspergillus nidulans

<400> 6652

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agaacagaat cgccgcagag cctccgcccc ctgcgcccac acctccttcc ctagggctcg 180

agcgggaatt taccagggac tccgagctcg agagagaaga ccctatttgg gacgattatg 240
acggcaagcc cgtaaagtcg aagaaggagg agaccctgt taaagccgtc aaaggattct 300
gggccagctt gggagcagct actatgggaa gcagtaaacc aaaggccagc aagaagaaat 360
ccgaggagaa gcccagagaa cctgaccggt taggagaaat aaacgctgct gaacctggcc 420
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<210> 6653
<211> 756
<212> DNA
<213> Aspergillus nidulans

<400> 6653

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<210> 6654
<211> 471
<212> DNA
<213> Aspergillus nidulans

<400> 6654

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 ttttctgac ccactacctc tagacggaat tccttaaaga atacgcactc tttgcagaca 180
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 ataacttctg atcacgacct aaagatagaa actaccatat tactctacgc tgctctctgc 420
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<210> 6655
 <211> 438
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6655

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 ggcggttcaa acaccaagtc ggaatcaaca agaagacgaa gaagaaggcg cgcgctattg 360
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<210> 6656
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6656

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aaagaaagtg agacgtacgt gttcggaggcg attctgaatc tgttggtgta acccgtccaa 240
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 ggcactggca gcgcgcgagc tggagttgct tgtacgtcca gtacctctgc ccttgggaagc 360
 cccattgccca gtgtgagcgc cctgcagagc aatctgctgt tgttgacgga gaatctggat 420
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<210> 6657
 <211> 530
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6657

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 acccgatcca cattgaccgg ctatcactga cttgcaacta ctctcaagcc actcaatatg 180
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 cggaaccatg gaacatgtcc tgacaatgat gtgtgtatgc accaaaaagc acaatacagg 480
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<210> 6658
 <211> 605
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6658

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 aaggagttac attgcgaatt cacaggcgtg agcgcgccat ccggtggcaa tccatgggac 240
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cagatgatgc ctgacgaaag aatgcattgc gccttccttg agacacccaa agtcgccaat 360
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 gacgtgaaaa tcaccgagta agtcataatg gtggaagttc ctaaataatt cttcggctaa 540
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 acact 605

<210> 6659
 <211> 530
 <212> DNA
 <213> Aspergillus nidulans

<400> 6659

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 agaaagccca gccgaccttg caattatatg aataaccccg tatctaaggc tcatgtcctt 420
 tgccaggaca tgagattgct aggcacaaca gattctcttg cggaataagc cagtctctta 480
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<210> 6660
 <211> 1180
 <212> DNA
 <213> Aspergillus nidulans

<400> 6660

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 aagaagtgat taaaaaaaaa taagtataga gctttatttt ataactagga aagaagcgag 180
 aggaggttag acaggtcaag atgtggggga gcggaacctt tttccagcgg tgatgtggac 240

ctggcaatct cgggggggtaa ctggggcccg aaagtcaacg gcctccctga aaagcagttg 300
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<210> 6661
<211> 340
<212> DNA
<213> *Aspergillus nidulans*

<400> 6661
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<210> 6662
 <211> 815
 <212> DNA
 <213> Aspergillus nidulans

<400> 6662

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 gcgtaaacag ctgtatgcca ttagacaggc tgtagtcgcg cgcagtgcaa tccagcctac 720
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<210> 6663
 <211> 483
 <212> DNA
 <213> Aspergillus nidulans

<400> 6663

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 tctatctcac tgcaccacc tactttctcc taatttacta cccaactgta gttcaacctc 240
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 gaagcagagt tcagacgcac attgtgcatg taaccatgac cagccaacg ttgatcaacc 360

ttccccctcc tccctccgac ccggtgaccc catctgaaat gggaccgtga gtctacagat 420
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<210> 6664
 <211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 6664

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<210> 6665
 <211> 618
 <212> DNA
 <213> Aspergillus nidulans

<400> 6665

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 aggataagaa gcgttctcag ctgaaggagt gttttcagcc tgaatcgagt gttcgtgaag 180
 cttttttgtg agagtgccga tggagagacg gtgcttgtcg taggcggaga aggggacgga 240
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 gagggcgctc cagtcagtca tgggtttgtc gtcgtccgtc ggggtcggcg tgaggcgggg 420
 tggcctggac gaggaggag aggagaacga gaagtcttcg aacatgatga cggtaacgtt 480

attccaaaca atccagggac aaatgttcaa cagctggaaa agaatgtgaa tttctaaaac 540
 cggcagttaa ggaatcctgc tgggactgtg atgatgggtg tgagtctcct cggcaaaatg 600
 atgtccaaag gggttata 618

<210> 6666
 <211> 623
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6666

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 aaacagatat gcctcaagga aaaaatagcc caacgaaggc tgtacatact gacacaccaa 180
 acatgtgata gaccaatcca tagccataag gtgagtctaa tcatatcggg ggatacagtt 240
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 ctgaggatga ctgggcccac tctaggtagc cttactgctg gatcaaggat ggtgctattc 360
 tcttggtgta catggatgta ggaagagcta cgaaatgggt caacaatttg tgctggccaa 420
 atgatagtct tacttgtcaa gaggagcctt ggatgggtca gagaaattca tggctctttaa 480
 atgcgactct tgggggatat gccattgctt ggcgggtacc actgagaaac ctgcctgtat 540
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 tgattcttta tttttttttt tgc 623

<210> 6667
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6667

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 agagaagcag ttcggcaatg acaaattgggt cggagtcttg gggttttcgc aaggaccag 120
 gattgcgagc gggttgttgt tggatcagca aagggtggag agagctgaga atgaggggaa 180
 aggaaaaagg actgtgggcg aaggaatcag gttgaaattc ggtgttatgt gtaatggagg 240

tggaaggccg atggagagtg aggttgggta tagtatgttt tctctctgct cctctgaggc 300
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 ataccgacgt tgcacgtaca cgggctcaaa gatgaattcc tggcgtttgg acgcgagcag 420
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 atgccctggg tga 493

<210> 6668
 <211> 529
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6668

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 ccaccgtttc aacctgctga ccatttacat tcagcgggtt cagacgcgc gttacacagc 480
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<210> 6669
 <211> 456
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6669

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 gcctggcttt cattcggagc tcgcacacat gcaccaccta ttctacaaat catttgagac 180
 tctccaaacc aatacacgt ctcgctgtag ttactattcc atgaacacac acccgggtat 240
 aaattattga cacactattc cgaagcatcc caccaaactc tggacgactg cactctgaaa 300

cttagcttta caagccaata ttatactatt acacgactgg ggtagcctg cacatgcaac 360
 tgaaatcctt tccccgtact aactgacccc gtagccaaca acagctacct actcaaactt 420
 taaatcacgg tccacattct cactgcgta acctga 456

<210> 6670
 <211> 655
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6670

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 gcatgctgct ctccccacga gcgcgtcctt catgcaatcc tgctacctgg ttcggttcct 180
 gaaactagga ttacgaggag tcgcgttctc ggcactctcg cgttctcgta gtattcgtct 240
 gcatagctgc gagcatcgac tatactgctc tgttgatcg tggtgaaagt cctggcgatc 300
 catgggttac cacccaaaag agagcaatgt cggcgctacg gtgtatagct aacgttgacg 360
 cttgacgtcg atctctccca ttcacaccag actgagactg tagaaagtac catttgctgc 420
 gaacgtcaag tatacaatgc aacggacctt ggtagagata actttgatga tccctctaga 480
 accagaatta tccccaggtt aagtaagcaa tacgatcaca tgtaatcttt cgatcagatt 540
 actgttgtac cacggctctgc tagctagtat acggaaagat caagacacag ttccacgagt 600
 agtcgtctgt gacaaggtat taaagggatc aattgcttaa ggtttactca cggtt 655

<210> 6671
 <211> 455
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6671

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 tggtagagac tatgatgctc aattgggtcaa aggtttggcc ttgtggcgtg gaaagtggct 120
 gaaaactacg agctgaatcc agtattatcg ctgcacccgg gcagacttgc attggataca 180
 gagctatatc ttcgggtgct gtgggtagac ggagtatgac gtgagaatcc cgtcaaaatc 240
 ttcaacatat aatgcacgaa ctgacagaaa tacaacttga ctttcttata taccgcctgg 300

caacagttca ggacgcggac tatgttgagg cactaacagg acaaaggcca atgtatccgg 360
agatatcctc tatagatctc cagagactga gaggaaggag cagtgaggcc aaaaagcatg 420
aagggaaaaa gcctagtttg cttgaccatg atttg 455

<210> 6672
<211> 584
<212> DNA
<213> Aspergillus nidulans
<400> 6672

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ttgaattttg ttagaatgta cctctatttc gggcaaccag taagtttgag gacttttaggc 120
cttttacaat ctcatgtaaa agatctgtcc actcagttac ttccggcttg ggccatgctc 180
aattccatag atttgttttg aagctttgat gctaaagatt taagggtggc agctttctgct 240
gggggtgatt ggagaacaat attgattgtg tcttgtattt cttcaggcac cttcacatca 300
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ggactagagg atcgggatcg agatacagat gatgtagaag gtggaggaaa cgtcatgttc 420
agctgtcctg ctgccatctc aagccgtgct agatactcct gtctcaatag aaggagagca 480
gaagacaatg gatcgtgagc taacttagtt cgcttataat caagcggaaa aagtatcgct 540
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<210> 6673
<211> 651
<212> DNA
<213> Aspergillus nidulans
<400> 6673

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tataccaaaa aatgggtgac tgccccactg gcatactatg agcaagtcca tttgagcgag 180
ccactaagcg tagccctaaa ccaaactcag cagccaagac acatcagctg ctgacaaagc 240
gttctgggca tgatttcacg atgggaatca tcaatgcttt ttttattccc ttttcatccg 300
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 gccactcac tgcggccctg cttaggggtcc agcctgtttg cggcgtccat cttgctcaac 480
 cttcttggct tgatcttccc ccgccgatgg ggacccccgc ctctaaggct tgtcataact 540
 gtccggcagc gcggttgaaa tgcgatcggg ctgtcccgtc gtgcgcgaaa tgcttccaca 600
 tcgggcagga atgtctggga tatggcaagc tcttcctctg gaatcaaggc g 651

<210> 6674
 <211> 481
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6674

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 ggggggttctg tatataaatg acggcggagg agagagaatg acgagtcgtg gagtggagag 180
 acaaagcagg caagagcaca aaaagccggt gaggtagaaa gacagtgaca aactgtaccg 240
 gccacccgca gatacgccct tctatagaac gattgagga atggagattc cggcccaaac 300
 tgaatcacga agccgacttt tgaaccttgt gccgttctaa taatcggcgt tgctggcgga 360
 gagatacacg gcgctaattc caataggggc tagcctcaa cacgtgagtg tatacttcga 420
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<210> 6675
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6675

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 caagcgttgt ttcttctacc ctattcgttg ctgactggcc cgtctgaatg cagcaagctg 120
 tataaccaag tcaccattcc acagtcgttt atttgcggtc tgataagagc cggcaataga 180
 tggattgtca caatgaacgg ggctcaatac tgctattctc agtcagccct attttgagtg 240
 catttg 246

<210> 6676
 <211> 490
 <212> DNA
 <213> Aspergillus nidulans

<400> 6676

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cccgtatgta tcagccacac cgtttgcaaa taccagcctt cccggtcgca gtcagaatgc 180
tggccgtaac gtacccaaaa gggatatgagt acgaaaggac atacgcactt tattgtttac 240
gcatatatct cacgccagga atcgtatatatt ccattattct gaatccacgc ttgctgggtca 300
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aggctcaciaa ctgcgtcatg actatagcca tcgcacaaat cctaagaaca tgctattggt 420
tgagttggaa aacaatatgg aaaacaatct gcgcaaccac ggattcaatt cggattattt 480
gatggttttt 490
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<210> 6677
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

<400> 6677

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aggtcaagag cactgcggta ttgtgatagc aactgactat ggatacgcag 110
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<210> 6678
 <211> 542
 <212> DNA
 <213> Aspergillus nidulans

<400> 6678

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ctactgctct catagtttgt tagacatgcc cttgaccac tactacatag acaactcatg 180
tagacaagac cagagtagaa catagccagc tctggtgagt caaccattac taacaactga 240
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gacaactcat ggctatcatg atatatagagcc atgtccacac aatcttctctg aactatgtct 300
agcccactga agacaggaag attgtgttga gcaccgagct ctaatcaatt acctaacctt 360
aacgactcaa acaaactcta gaaatgccgt gcagcgaaag gcaaaacaac ccagtatatg 420
aaaatgcccc gctgaatcta taaaagtgat ttcactactc acagcgctgg tagcatatgc 480
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ct 542

<210> 6679
<211> 94
<212> DNA
<213> Aspergillus nidulans

<400> 6679
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caagtatttg tctgcggaaa tatatatact gaat 94

<210> 6680
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6680
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cagcgacttg aaatatgcac agtaaaaata gtgatttgcg agttaaacca gtgcaaagca 180
ggcgagaact gaaacgggag gggaggggag acgatatgag gttttgaaca cagttctgaa 240
gaatgcaaag caggcaactc accgttgata catgttccat tctcagagaa agctgagaac 300
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cccatctgca ttgtcatgca cgaggaagct caggtggctg gacacatcag acagtatcgc 420
ggccgatgaa actggagacg atcggttttc caaacgaaca ataaaacagg aatatcaa 480
gagatcgtaa agagctgcag aaatgaccga gt 512

<210> 6681
<211> 536
<212> DNA

<213> Aspergillus nidulans

<400> 6681

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ccaaaactat cacctatcaa ctctccatgg tcggatactg gcctaccatg tcagcaactg 180
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tgatatggaa ggctcagcac tgaaaatgct cagcgtttga ccacttgact agatcaccgg 480
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<210> 6682

<211> 836

<212> DNA

<213> Aspergillus nidulans

<400> 6682

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aaaccatcgt tcttgaaacc aataatgggtc caggtctctc cgacggtcgt tccggccttc 720

ttgatctcgt ccaagaaaac ggtctcaatc ttaccctggt gtacaagggt agtgaacgga 780
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<210> 6683
<211> 720
<212> DNA
<213> Aspergillus nidulans

<400> 6683

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ggagaagttg ttggc agtgaagcg gggaggggaag gcctattacc 600
cgaggatata gaggggcagt cggggggcgg aatc g 660
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<210> 6684
<211> 424
<212> DNA
<213> Aspergillus nidulans

<400> 6684

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<210> 6685
 <211> 617
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6685

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<210> 6686
 <211> 469
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6686

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 gcacaagggg gaacaaaagt agagagagat tccgaaactt ggcaggttac gtatactggc 300

agctgacatc aaataatcag tggaagcaaa tacataaccc agttaccaca caagttagtc 360
gacccggaac acagcgagca ttatgaaatg aatgagcata gtgagatgga taaataacaa 420
cgacaagcag gtggagcagt tcaagaacag atcgcgatga ctggtaaaa 469

<210> 6687
<211> 575
<212> DNA
<213> Aspergillus nidulans

<400> 6687

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<210> 6688
<211> 919
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6688

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tcccccaagc caagtgaaga atcctccaac ttctcttcac catttgtcaa gggcacgcaca 180
cgcaaagata cagaaggaat atcctagaag gaatatgaca gccagtctcg tcaccgtgac 240
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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 6690

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6691

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<210> 6692
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<212> DNA
<213> Aspergillus nidulans

<400> 6692

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<210> 6693
<211> 827
<212> DNA
<213> Aspergillus nidulans

<400> 6693

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<212> DNA
<213> Aspergillus nidulans

<400> 6694

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<210> 6695
<211> 107
<212> DNA
<213> Aspergillus nidulans

<400> 6695

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107

<210> 6696
<211> 482
<212> DNA
<213> Aspergillus nidulans

<400> 6696

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ca 482

<210> 6697
<211> 567
<212> DNA
<213> Aspergillus nidulans

<400> 6697

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567

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<211> 439
<212> DNA
<213> *Aspergillus nidulans*

<400> 6698

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<210> 6699
<211> 840
<212> DNA
<213> *Aspergillus nidulans*

<400> 6699

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 6700

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 <212> DNA
 <213> Aspergillus nidulans
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345

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<212> DNA
<213> Aspergillus nidulans

<400> 6702

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<211> 1073
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> *Aspergillus nidulans*

<400> 6704

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 <213> Aspergillus nidulans

<400> 6705

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6706

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<210> 6707
 <211> 1393
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 aagccctttg acttctgact ggatggacta acctcccctt cggccaaaag aacctttttc 1020
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 ccccttctc tcgactcacc tttcaaaccg ggggaggcct ttttatggcc aaaaaccccc 1260
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<210> 6708
 <211> 460
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6708

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 cttcacaaca gctttgataa cagccaattt cgtgtcggag attccgccct gccgagctgg 180
 catcccttgc tatacacccc tctaccgctc aggccccgag ctgcatttta tgactgggtgt 240
 aacggccatc acattcataa caaacgcgct tgctgtccca cgaacactgg acagatcgga 300
 cagatcgagg cttatttttt cctatttggc gggaatccaa ttcggagctg gactgtcat 360
 ctcaggaatg gctgatccgg tcaaagtcct tcgctttttc gccttcgtca ccgatccgcg 420
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<210> 6709
 <211> 620
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6709

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 gtgactcgtt gctcatatgt ataggtagcg gttatcccta gccacatcta ttatgctgtg 180
 gatgattgtg cggaagcgac ccactagtga ggctcatcgc cgtgtccgct aaaacatcaa 240

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tannnnntaac atagaatgta ccgtttatct tgggggcaag gcgagtctca tgtcctgcaa 360
gagtccttg ggtaaagtgt tctgcgcaag tgaaaatacc gtggtattgt tattgagatg 420
gcgttgccctg ccaattagca tctacactca gataggaaga aatatgagaa ctcacctcct 480
catcaaggcc gntacatcag cctcgtcaat ggttttgcgt cccgcgtggt tggagtacgc 540
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<210> 6710
<211> 1289
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6710

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gatggcattc gtgttaggta ccggaagtct tgttctggcg gagacgaaat ctgggggtcta 180
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ttgaagtagt cacttccaaa tagccactct tagatgaggg aattgtctta tttttggcta 300
ctcaacttgc tacgaacttg aatggcggaac tggcgagaac gggaagtact ggcggaagtac 360
cncagagtgg gatctacata agcgccaaaa aagccgcggt ggaccgtgac agtcagatca 420
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<210> 6711
 <211> 771
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6711

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 cagaacgtcc agacgcactc ggagaagccc aagatgtcaa cgccctcttc ctctcagga 180
 tcggcctcca actccggcac ctgcagcct gtaccgttcg acgagaagac cctcacttca 240
 gtgaggacac gcgccgagg cgaacaccgc agagacacga ctgccccctt cggccgagcc 300
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 acttttatgg tggatcatcag cactgtctgg cgtctcatgg gcgtgctgtc cggcctctc 420
 gtctcgcgc atgccttgag acaggaatac cgcgcctttg accgcgaatg gtggcagcct 480
 ttttccgtct atggcctctt caccggcgtt gtcgaggcag tcactttcgc gcagaccatc 540
 atcgggtgtcg ccgttgatc caccacgaaa tgggctgtca tgggcccgcg cacagagggc 600
 cagtatcact gggacaaatg cagttataac cagcgtggc agttctacct gaccgtggaa 660
 acgctcatca aagacatgta ccgaggcatc ggtgtgttgc caatgctctc tggaacggcc 720
 tactgaaca tctactaccg actcatgggc gcaccatcg gaaaagactg t 771

<210> 6712
 <211> 608
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6712

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tcaggctgaa ctccgaggga atattcaatc gaacgcgtcc ggatttatcc aaagtcggat 180
ggttgatagc tcgttgagct gatgcagtta gtagtgaaac acaccaaaaa aaaggtgttt 240
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catggctgtt catgaagcgt gggacggcag gcttcgcacg gagcatttcc atcacactga 360
cttgttttaga cattgattat aataaatggc tgtgggaaat acctttcgct tgttcaaccg 420
aactggacg caagtgtcct tgttctttct tcgcattcca gcattagccc taccagccat 480
gggtcaaaggc cccttgcgac gagcaccacg gtgtggagaa acgaaatcag cagacgccat 540
agatccacct tgaccgtctt cctgaacaat ctgcaatggc ttgtggctat cttgattcaa 600
agcgacaa 608

<210> 6713

<211> 550

<212> DNA

<213> *Aspergillus nidulans*

<400> 6713

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ccgttctcgg ttacgatctc tatctctgtc ccgatcacgg tctcgctcgc gatctctgtc 120
gtatgtccga gtgagagAAC ggctccgact acggcccggc cgccagcttc ggtagccctg 180
gcggtagtcg cgaattggga ctctgtcgtc tgacacacgg tcccggggtc ggtagaggc 240
ttcccgtgat cgctgtgat agtcgtcatc gaaccgagat gatctcctcc ttgagcggct 300
accactgcca tcacgtctcc ggctccggtc ttctgccact gcggatccac gtctgcggct 360
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agatgtgccc ttgggttttg ttggcgggtg tttgagaccg ttttcaatcg cttcggcttt 480
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caacagctgc 550

<210> 6714

<211> 325
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6714

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 ttcccccaaa ttgcaacaaa gccccctaag cttgaaagtg gacccccaaa tggaagccca 180
 atcgaacatc ctcaacatcc cgtacctcac aatgnannnn nacatatattt ttattagcca 240
 cacccttat atttccgaaa ttagataatc cctgggcnnn cnnnnnnncct tgaccttcaa 300
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<210> 6715
 <211> 585
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6715

tatttacaac agattcatga cgactctatc ttctctgccg tctctgcccg cgaacgattc 60
 gcaattcctc caatatgtcg cctcccatcc aaacactcca atgccagagc tcgtcaggcc 120
 atacaacgac tacgatgccc actacgcaag atcttcgccc aggagccgac ccacctgcc 180
 gtggccgata atatcgtcaa tatagttccc ctcttcgacg ccaatggctc ggccgacgtt 240
 cgaatccgcy ctcgtgatct ggcttctgag tcggaaacga cgcgggtcaa ataccttatg 300
 ccgctgaagg acgaacaccg caagcccacc ggtgtgccg cggttggtcag ccacatcaag 360
 aattttcaga cgaatttcaa tatcttctcg gagagctcct tgaccgactt ggactggaac 420
 aatgtcggtg ccgcgggcag tgccgtcgca acttctctcc ttccgggtgcc agatatatac 480
 agcgactcga agcgtggcat gcgccagttc taccatgaag agtttgccac gcgtcggatg 540
 tggacttttc ctttacggtt tgaccgagga caggcgattg agaag 585

<210> 6716
 <211> 532
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 6716

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aaccacaccc cccaacccaa tatgaccaa aaaaacaaca acgatagtag ccagcaaaag 120
taaaaagtat ataaagatta tgaccatctt ctataaataa gtagtgacca aactacgtgc 180
cacaagatag ggaaacacgg acaagaccag tctaaagaat ccaaagagg ctggacgggt 240
acctaaacgg agaanncttc tggagtgaat acatacacac taaaggccag acgaaagaag 300
gaggaaagcc cggagtagag agtatgacca atgaacggac agactggtag cgggcaaagc 360
atacacctaa ccaaaaccga cgtgaaggga ccaaggaatg gatacgacga aggatgcaat 420
accgccgtac acaaagcggg ccataaggaa agcgacagac caaaaaagcc cgggtatacga 480
tgaatggggg acccgaagaa aacaggagcg tgaaaaacaa gaggaatgg cg 532

<210> 6717

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6717

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ccatatgtct aaaatgcagg gaggaggtaa actatgctac cataacacac ctcttcgagg 120
aaataaacca gttctaacta cctagttaca aggggggagg ggccccgacct ttatacacc 180
tgatgtagga agctgccgac taaaagaca atcgggacgc acaagcgtga ggtatataac 240
aagaaaacga tcgattcttg cacagcgcaa gatgaatgac actgcccact tacgccccca 300
ngcctactac tgcgctggtg tacacaaacg tatcaagaaa tgcgcctgga ctggttatcc 360
gataaggaca acaatgggtg ccagaaggat tccgagggcc agcgcatgtc ctacgagaag 420
gagagtgacc acctacaacc atatccggac accatcgagg tctacagagg ccgctacgtc 480
aagccgg 487

<210> 6718

<211> 819

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6718

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gtgggtgtac acacatcgta cagatggagg gctcgacgaa tacctcaaaa catagaacgt 120
aagtcttggg caaccaaggc tccgtgagtc tgggtagtaa cctcgagcta cacgaatagg 180
agcttccgcg gttcatcaaa tcatgttctt tgacttgcac agggactaga aatatacagc 240
atgtgagcag agcgagggca ggatatagaa cagcatcgaa ggagcagttt agctccagcg 300
ccaatagtgt tgaggcgtat aaaagatgtc agagaggctg ccttgaatgg ctctgaccag 360
atattttgtg cgtatacacc gcgaacgttc acctgctcat gcctgcttct gatcggggccc 420
atgcccctgc tacttcttct tctctcgtt ttacttctcc aactcttctt ttcttctctc 480
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ttttttttat tattttttnt tntccatttn cctccatctc tctcttcttc tctttttttt 720
tcttcttctt ttcttttctt ttctttcttc ttttttctt ctttcttctc tctcgggtcc 780
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<210> 6719

<211> 759

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6719

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tgctaggcag ggagctttac taactcctaa tccaggattg gcaccttctt cggtcataaa 180
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gacttttctg cgtgagtcgc actatgtggc tatatccata ttgcaatcgc ctaacttctc 300
ccgctcaact gcagtaaagt ctgggacact cacacggggc aatgccttca caccctccaa 360
cattcccaca tagtccgagc ggtcgcattc ccccttcaac cttctctca agttctcgca 420
accggcgggtt acgagaagaa actccgaatc ttgcacctga cacgcagcgg cagcaacagc 480

tcgtcccca cagcctcatc agcgctccc gccgaagacg gaacttctc tgcaacgagc 540
 tatgaaatcg gtccccggggc tcacggtggc accattaagt ccatcgctcg gaatcgggac 600
 tacaacatcc taactacagc tgccgaccaa ccgaaaatcc gtggtgggat cttcgttccg 660
 ccaccggggg taaggtttcc ggcggggcaa caagnagagt tgagactgaa accctgaaac 720
 gccaacgat ccgtttcctt ttgtggctca ggaagagcg 759

<210> 6720
 <211> 894
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6720

gcttagggcg caaggcttga gaatctgcgg acttgtaagt tctccatctt tacggttcaa 60
 caatatgcca aattgccagg ttatagcgca acatccgata atatatataa tcccagtact 120
 gcgactgagt gttggcatct attatatagc cagagaaaat gaaccactcc attcaatgcc 180
 aatccaggct cttgaatatg ctgtaactat ttgtaagctc taaatatgaa cacaatcctt 240
 cacgagtcag gagtcatatt cagggtcaaac ttcccatatt catggactat tttggcagac 300
 cattgtgctt ccaaccagaa aatctggctc tgcactaatt atattatgat ttgattgttt 360
 gctctgtagg actttaaag tttgatcatg gaataattta cgcaaggctg atatatagac 420
 gtacagtctc tgctctgcat aaataagcca taccacaca atccttttag ccaatttata 480
 cgttcaaaat gcctagggcg gctaaagagt acagtggcag aactatatgc agaccagggg 540
 ggcgtaatgc cattgtcccc acactaacc aagccacgcg aggccggaca ctctccgagc 600
 cgcccgcact gcaaacgcgg accccactt tacttatcaa gtgatcgccc cctcaatcat 660
 gaccccgttg ttttgtcacc ggtttgaccc gtttgacacc aatgtactcc tttgaacacc 720
 aaggatagat ttgtaccgtt accaacttat ttocacattt tgtctacca cctcagttta 780
 attgccacaa ttcccgaacc cttccatggt ttcttaatgt aaccctcta attcaatcca 840
 atggggggtt cggggttaaa accctttccg cgggggggatt tttaaaaata atcc 894

<210> 6721
 <211> 928
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6721

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attgggctca caagcaaggc cgggctatga aagccgatac gtogaacagc tccgggacag 120
cgccaagtca ctccaaggca tcaggcaggc ggatcagggtt accttaccgg aagaggagct 180
aagacacgtc atcaatgggt atctcacgcg ctgtgaggag cattaacaagg agatgcatag 240
agctatattt gcgaggatga cattttccgg tgtgggatct aaagacaacc cggtttatct 300
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ccttcaacaa ctgacgcgaa agaagtggaa tcagatctca ccgcgctgga aagcctgctt 420
catagcctac gggatttcca tcacggcctt ccagcgagct aagcggctgg ttagcctggg 480
cggtcacga gaagaactgg tccgggagct ccaaactccg gggcactcta actgggatcc 540
ctacgaattt ccagagtcgc tgttactgga gattgagaat ggaatcctga tcagggatgt 600
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gcttaacatg ggcgagggca agtcacagc cattgttctt atcgtagtca ctgcgcttgc 720
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aatgttagtt tccaagctcg gtggactgct gggacgccgc gtatactgct tgcccgtaac 840
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catggagaat ggtggtgtct actagttc 928

<210> 6722

<211> 530

<212> DNA

<213> *Aspergillus nidulans*

<400> 6722

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tgaaaggggt agtccgatgt tagtaaatac ttaagcgctg tggtagatgg ctatataggc 120
atacctcttt gctttatggc ttgctgatgg tgggcgcgct caccatcgcc gtttgagtgc 180
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taaccttttg gagcgaaaga ttataaacag gcagcatgag aaggaaagac gagcgaggaa 420
 taacctccgc agacatcaag tcgtcgaacc tcgaagctca agagcagagg gacatgcagt 480
 agatagacac gctcgcggtg gcagtagaac agaaatagtc acgtgaaatg 530

<210> 6723
 <211> 760
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6723

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 aacagcgta tatcagtcga ggagacgtcg gtgtagtggg aaccgccacc gtacttgccg 180
 actgtgtgat gttaggatgg gcttgatgat agtggcagta ggtaggagga ggtagggagg 240
 tacgtaccaa caatggcaat ggcgcagtag cccatgaaca ggatctaggc tggttaacag 300
 agcacggtaa tcgagaaatg gtgtacttgc ccacgcggcg aaacatgtcc ctagaggctc 360
 ccattagtag ggtgtattcc tgtaacttgc agctatagaa ggcgaaacata caatcctcag 420
 cccagccca ctgtctatac caccacgaa tgccgaaccg caggccgacg aagagcgtga 480
 caatcgggat acagagacat tgcgtaacaa gggtgacggg gtttaagata tcgggtcggg 540
 cagactcat tgactctgta gacatgggtgc ccaatccagc attcttcctt tctgcctac 600
 tacagctctg gcggatgtcc cgatagacgt tagagacgag ggaaaagtgt ggaggccctt 660
 tagactgaag acccccggcg gagtgcggcg caatattaaa taggtagggc acttaacaat 720
 gtcaaggaag accagatgac ctgcagatga gcttttagttg 760

<210> 6724
 <211> 432
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6724

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gagcgggcat cacgagaaag gagagacgtg ggagcactat catgccggtc gacgacgcac 180
gacaagcgtg gagggcgctcc ggtactttgc acgcaactgg cgagcggacc cttctcaagt 240
gaggtcattg ttgagggctc gcactatata taccatgtgc cacaccgagc gaaccttann 300
ttgtcggtag tcaacgcgca gtcgcaacgg acaaaattta agtctctagc tgagaccaga 360
caaccaatga cgcggtagag aactgaatgc tgtctgaaga ggactgtatg ctccagagcg 420
aatgacagtg ag 432

<210> 6725
<211> 398
<212> DNA
<213> Aspergillus nidulans

<400> 6725
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ttgtatggga gcctctgagg gctactatct gatccaccat ataccatgt ttgacatgca 120
cgacaccaat gatcataagc ccagatgcc tactagcatt gtcttaccaa cgggcgctaa 180
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attccgctgt ggtcggggca ctgctctgca cgctgtctgc gataactggc tgctctaaac 300
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tcactatgga gatactaaaa acatacaaac agtgctcc 398

<210> 6726
<211> 527
<212> DNA
<213> Aspergillus nidulans

<400> 6726
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gtctgacctg gccactacca taggaaccgc cctatccagc ctcccgccc'cagaccaa 360

tcaagatgcc gaacgtatgc aggttctggg tgcaataagc cggctccagg aagcgctgga 420
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<210> 6727
<211> 848
<212> DNA
<213> Aspergillus nidulans

<400> 6727

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agggctctgg gatctgactg gagcccgtct gaagttgcgc gattgcccgt gatctcctgg 540
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agcttctcat agtcacggtt atcaaagcc tcaacgattt cgtccaactg tctctgtacc 660
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aagacgcatt cgctgccgt ctcgagacac ctgtcgagg gaaatcccc gccacactac 780
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gttaccg 848

<210> 6728
<211> 440
<212> DNA
<213> Aspergillus nidulans

<400> 6728

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 tcaagcggga tatacgcac cagagatttg aaaagataga tcttttcggg cggaattgta 360
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 gtgtcctcta tccgaccaga 440

<210> 6729
 <211> 996
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6729
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<210> 6730
 <211> 983
 <212> DNA
 <213> Aspergillus nidulans

<400> 6730

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 acggcttcac cttctggatg ctcgacaact ccattgcgtc catgcaaaac cgcattgttct 180
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 ccttcgcccc ctcttcacg gttatctcca atgtgctgcc gttcttcttc gttatgaccg 540
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<210> 6731
 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<400> 6731

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 gcgcggcgct ttgcagtttc atgtggatgg acccgccata gccgtagccc ttgagcgagc 540
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 agccgagatg gacctgggta caatatgtg 749

<210> 6732
 <211> 601
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6732

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 acatcacaaa caccgtaa atacaacgatac caatgtcata gctgcacgca tcgacaatga 540
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<210> 6733
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6733

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 agaacttttag gatctaata tgcacgtcca acagtacaag gttccggaaa ttttgcatg 180
 gaggagctct ctactatgac tacctcacct tttttttttc tgagaatgca gaggacgaat 240
 atacgaggta gtgtaggcga tccgttagaa aagtccttac ttagtatacg gcctgaaaca 300
 cctacagtgc ggtgctgaat gacttggtaa cttcaaggga gatatcgata cacggtgcac 360
 cgatgttaca ctggagcagg tataaccgca tgctttcagt cgctactcgg ttgctcttaa 420
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 aaaaaaatca agaccgaccg agacgcgact cgaacgcgca atcttcagag gttaaaggta 600
 accgaaatct gacgccttac cattag 626

<210> 6734
 <211> 861
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6734

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 cgctggggat agtggactgc ttgatcgagt ccttatgccca aggatcacta aagatgagca 180
 tcgacgtctt atttgaggga agaattatgc ggggccgacg atgacgcttg acaggctggt 240
 ggtggattgc tagtaaagcgc cgtccgtcag cccatccgcc catggttgaa tctcagagt 300
 acagcgccag atgactcgac cttacacgct cacaagatg gacaaagtaa tccatcccat 360
 cgggaggcag caggaactcg ggaaagaaag aaaagttgtc ggtgattcaa taaccacttg 420
 gcaatgactg cggcggttaca cagcctgcct ttgcgcgagg atgactctcc attcctcatt 480

tcccttcggtt tcttaatcct tttttcctga gtgtgttctg cctcgcgtca atacttcaag 540
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 gtagctggcg actaaatggc acctgctaag ttccctattc cttgcaagga cggccttggg 780
 agggtttcgc ttctgtgacc tatcccacgc cttttctgtt ctgctcaata cttctgtatg 840
 tcaactcttt tgcctctccc t 861

<210> 6735
 <211> 487
 <212> DNA
 <213> Aspergillus nidulans

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 tgaatgagta ctgctgggtg cacacaaggc cggaacaggt cactatatga ccaagtgcg 180
 tccaatagtt gaggacctgt agattccata agagcgaaag gatggttcac atagaaaatg 240
 gcgacacgaa taagaccgac aagcaacgtc aagatggctt ggaatgaacg aattgaaaaa 300
 ggaaattgac aaattgccta tagatcggtg aaggaattca cagatatatg tacacccaat 360
 cgtacagagc gtgtaaatat ccattggctt tcatgtatgg tccactgagc cgtggcacga 420
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 taacatt 487

<210> 6736
 <211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 6736
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acagaccaat gcgctgtaga tggttgatac tcttgtaacc ataaccggcc gtggcgactg 240
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gcatgctaata gacattcaat gcgctattgc acaacactat cacgcgcaag taccaaggta 360
tgatgggcct gccggcggtta cgataatgat actagtcctc tcgggatgat ggcgattcaa 420
gcccaccgag ctgctttatc acgatcgcac gaagccagag ggattggcgc ttattgtgaa 480
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tttgttacag 550

<210> 6737
<211> 518
<212> DNA
<213> Aspergillus nidulans

<400> 6737

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tcgcgagaac gctaagctta ccctggttct ttctgggtatt cgcgctcctc gatctgcacg 180
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cggtagcgtt tacgtgaaca aggaaaattt caccaaggct cttcttgagg aggggtctggc 360
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agaggaagaa gaggaggcga cagcggcacg ccgtggag 518

<210> 6738
<211> 520
<212> DNA
<213> Aspergillus nidulans

<400> 6738

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gtcagatcat taacagtgtg gatggctcta tccgtctaata atatcagaaa tacatgggtg 180

agcgaatggc cggaatggat ggcacgcagg gatctacggc caggaaacac cctcttacta 240
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aacataaaat gctcctacaa cacaataagc ttaatcagta taggcatgct agtacgctgt 360
tgacgtccta aggctgtctg gtgcaccatt acagataaca tggattaaac tgataaatat 420
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cccaccggcg ggtgatgcga cagaacttct tgacgttccg 520

<210> 6739
<211> 879
<212> DNA
<213> Aspergillus nidulans
<400> 6739

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ccgtaacctc taccctcaaa ccogaagttg caatttgtat taaattacct caactcatcc 180
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<210> 6740
<211> 443
<212> DNA

<213> Aspergillus nidulans

<400> 6740

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<210> 6741

<211> 637

<212> DNA

<213> Aspergillus nidulans

<400> 6741

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ctttacgaat tccttttctg tgacagtacc tcaagactct ttgagtactg gttttcacia 180
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<210> 6742

<211> 795

<212> DNA

<213> Aspergillus nidulans

<400> 6742

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agggtgactc tctcc 795

<210> 6743

<211> 910

<212> DNA

<213> Aspergillus nidulans

<400> 6743

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<210> 6744
 <211> 443
 <212> DNA
 <213> Aspergillus nidulans

<400> 6744
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 tggagtgcgc ctgccctaaa tcatccctga gaaccctaga tgaactaata aaaagacgag 360
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<210> 6745
 <211> 952
 <212> DNA
 <213> Aspergillus nidulans

<400> 6745
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<210> 6746
<211> 618
<212> DNA
<213> *Aspergillus nidulans*

<400> 6746

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atttcatggt tgccaaaa 618

<210> 6747
<211> 496
<212> DNA
<213> Aspergillus nidulans

<400> 6747

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agctcactac cattttaatt gcaggtgtcc tgggacaata aagttccagg cagccgagtt 180
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<210> 6748
<211> 1059
<212> DNA
<213> Aspergillus nidulans

<400> 6748

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taagagcttt gttcttgagt ggtcacacca aatgtgccca ggggcagaag ggaagttttg 480

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<210> 6749
 <211> 753
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6749

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 ggtatgtgca agtgtatcaa gaagccaaat acatactctt gatagagtaa aatgaagatg 240
 aggaggataa acaaccgagc acttgtagcg ctgaaaggcg agggaaaaag tcaacaataa 300
 acgtcaacgt accattcgta aaaaggaatc tcgactccag tataggcaat gaagagtacg 360
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 caaatggac tgcggaagag aagcatttca tctgtctcac gggatgatag gccagatttg 540
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 aagcccaagg ggtaacggaa aacaacgcca accgtgcgcc aatgcgatgt tgaaatacta 660
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<210> 6750
 <211> 746
 <212> DNA
 <213> Aspergillus nidulans

<400> 6750

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gaaggggtgt tcaagggttg aatcagtcga acataaaaaa cattcattag gtcacctat 660
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<210> 6751
 <211> 1158
 <212> DNA
 <213> Aspergillus nidulans

<400> 6751

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 gcggccaggg tatctcgatg tcctcgccag caatgtagcg ggtgtgccga ggagtgtcga 540
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<210> 6752
 <211> 590
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6752

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<210> 6753
<211> 347
<212> DNA
<213> Aspergillus nidulans

<400> 6753

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tgtcgagtct taagagatcg ctgatggttt attgggagcc agacgagcta aaagatgttt 180
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cgaaagtcgt caacaatggg cgaatgagct tcagctgcat gcaaggt 347

<210> 6754
<211> 460
<212> DNA
<213> Aspergillus nidulans

<400> 6754

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cttctaaaag gatgtgtga aaaaactggg aagactgata tactgagaac cctgtgttgg 180
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cacgcgtgat tattgagaca ttagtgctga gactgagcat tgctgagtac aggacaatat 300
ggaaatctgg attcaggat ctgagacagg caactctatg cctagaggat aacagagggg 360
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<210> 6755
<211> 540
<212> DNA
<213> Aspergillus nidulans

<400> 6755

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 aagataaggc acagtttgag caggagcagg atggaaatca ggtatatgat gccaatgtcc 480
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<210> 6756
 <211> 499
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6756

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 tcgtcacagg actgggcac accgtggcag acaccttccg caatcaacgg cacgtgaata 240
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<210> 6757
 <211> 582
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6757

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 atgagcccg g aagaaagtta ctcaaacgg ctattgaaca tctgagccta tctgcaagag 480
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<210> 6758
 <211> 878
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6758

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878

<210> 6759
<211> 590
<212> DNA
<213> Aspergillus nidulans

<400> 6759

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<210> 6760
<211> 1071
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6760

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<210> 6761
 <211> 712
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6761

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 gagggacatt ttctttttgc gctgccagtg ccagtcacag tcttaagtag atcgattggg 180
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 cacaaattaa ggcgaccag ccaactggcag gagtagccag gattagcag cagagagtca 660
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<210> 6762
 <211> 1049
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 6762

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<210> 6763
 <211> 551
 <212> DNA
 <213> Aspergillus nidulans

 <400> 6763

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<210> 6764
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<212> DNA
<213> *Aspergillus nidulans*

<400> 6764

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<210> 6765
<211> 570
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6765

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<210> 6766

<211> 485

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 6766

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<210> 6767

<211> 663

<212> DNA

<213> *Aspergillus nidulans*

<400> 6767

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<210> 6768

<211> 618

<212> DNA

<213> *Aspergillus nidulans*

<400> 6768

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gatattttcg gcagatttct tccagacgag tctgcaataa aactctgtag cacaataggc 540
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618

<210> 6769
<211> 564
<212> DNA
<213> Aspergillus nidulans

<400> 6769

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<210> 6770
<211> 819
<212> DNA
<213> Aspergillus nidulans

<400> 6770

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<210> 6771
<211> 555
<212> DNA
<213> Aspergillus nidulans

<400> 6771

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<211> 724
<212> DNA
<213> Aspergillus nidulans

<400> 6772

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<211> 393
<212> DNA
<213> *Aspergillus nidulans*

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<211> 912
<212> DNA
<213> *Aspergillus nidulans*

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<210> 6775
<211> 525
<212> DNA
<213> *Aspergillus nidulans*
<400> 6775

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<210> 6776
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6776

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 <213> Aspergillus nidulans

<400> 6777

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<210> 6778
<211> 867
<212> DNA
<213> Aspergillus nidulans

<400> 6778

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 <212> DNA
 <213> Aspergillus nidulans

<400> 6779

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<210> 6780
 <211> 545
 <212> DNA
 <213> Aspergillus nidulans

<400> 6780

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<210> 6781
<211> 579
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6781

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ctaaggatca catacactat caagggattt gaccgcaaac agtgagtcac gcactgattg 480
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<210> 6782
<211> 491
<212> DNA
<213> Aspergillus nidulans
<400> 6782

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<210> 6783
 <211> 1174
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6783

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<210> 6784
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 6784

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<210> 6785
 <211> 527
 <212> DNA
 <213> Aspergillus nidulans

<400> 6785

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<210> 6786
<211> 881
<212> DNA
<213> Aspergillus nidulans

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<210> 6787
<211> 861
<212> DNA
<213> Aspergillus nidulans

<400> 6787

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<210> 6788

<211> 599

<212> DNA

<213> *Aspergillus nidulans*

<400> 6788

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gttttgtttg catcgcgctt tctctccgcg taagttaatg ggcagacctt aaggaggcac 540
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<210> 6789
<211> 435
<212> DNA
<213> Aspergillus nidulans

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<210> 6790
<211> 684
<212> DNA
<213> Aspergillus nidulans

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<210> 6791
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6791

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<212> DNA
 <213> Aspergillus nidulans
 <400> 6792

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<210> 6793
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 6794
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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*
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<210> 6796
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6796

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<210> 6797
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 <213> *Aspergillus nidulans*

<400> 6797

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<210> 6798

<211> 689

<212> DNA

<213> *Aspergillus nidulans*

<400> 6798

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gcgaatggat aaaccatgcg agcaatcaag aagaaggtcc atccttcccc tctttctata 660
tgctaatagca gagttcgtga tgcattgca 689

<210> 6799
 <211> 852
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6799

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gtctgccgaa gagtaaaagc accttcaa attgtagacg ggttactggg agaccgactt 180
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caggttcaac ccgagtatgc gtcagcggca tctcgtgttc tcaagtacca ataatcgctt 300
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gaaattgttg ccagtcta atgtttagga cgggggtggc agcactgctc gcggtacgct 480
cgctgctatc atgcaagagg tcggactagc agttcctttc caaataatga cttagaattg 540
cttghtaagg aaattctctg tatcctggca cgagagtcga tactagggca gggcacaagt 600
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caactgaact atcatctatc tcgtagtgta tccgccattt gcgaagatag tctgaccagt 720
aatccaagta ccctcgggtg agaggaaccg aacaatgggc gcaatgtcct gaaccagagt 780
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tagagaaagc tg 852
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<210> 6800
 <211> 512
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6800

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ggatacacgg cagactgcat gacggcaacc tacgactgga ccaacgggtg gcgcataacg 180
cgcacactga tgggcctggc cctagatggc tcaggcagaa cgaagaaagt tccgctactg 240
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actacgaatg cttcaacaac tcaccggaga ttgtgcctgc acgatcagac caacagggta 300
 gaatatagtc cttgtcatga aaaacgcggc tatttggcat cgagcgcgca gaagtcacat 360
 ggagaactga aacggacgca tacataaacg acttttagaga tgaagcagaa cactgactgt 420
 gggctacgtg tacgaagacc tcttggggaa gcggcggacg aacacttatg ataacaacat 480
 cgacagttga catattttgc agtgccactc ct 512

<210> 6801
 <211> 876
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6801

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 gcggggcgct ggtggatgcg caaaaatcga gccgaagccc tgggtgaatc tagttttagt 180
 cgactggaac ccgtctcgat tcggatcaat aagggtgtgc aatgggtccg cagccgattc 240
 aacgaggtgc tcgaaaaggc tgagtttggt cggctcaa at tgcttgaagc gcagagacga 300
 ctgccgacag atcatccatc ccaccccaac aacctctcgc tcgagtcagc cggttcaggc 360
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 tgtgagattg cttatgtgac tgccattagg atgctggagg ctgttttggga gacagacgaa 540
 gtgcagccgt caggggaagg cactgacaag gttacactgg acggcgtgca gggcgaggag 600
 cgtgaggtct tgttgaagtg taagtttgcg gactttgatg ttgccaagac gtcaatctaa 660
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<210> 6802
 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6802

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acagagaaat aagatagacg agaatttcct aaggatgggg taatcgagta gagtgggtgtc 180
ctagcctatt cgaatgggta acaagcgcaa tcaagctatc cctagacaac aggttcaaca 240
acagaccaat tctctccgt gatagaaatc ctcaagcaaa gctagcccag actaattccc 300
attaacgaaa tctaactatg caggcaatac gaacagactg ataaagtcaa taaacgctct 360
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atcgaacacc ttctgggtgc ggggaatgctt gggatcgaat tccagttgat cagaaagaaa 480
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atagactacg gattcac 557

<210> 6803

<211> 570

<212> DNA

<213> *Aspergillus nidulans*

<400> 6803

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cagagcgttt cacaatcaca attagcaaca cgtactgggt gcgcgtcaac gacttctacg 180
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tctgaacctc tacacacatg ctaagaccaa taccatcttg cagattgttg cggacacgcc 420
taccataata atgatgcaat cctttataac aatgtgtgca acctagcttg catccgaact 480
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cacaagacgg gcactgacat gccaacaagc 570

<210> 6804

<211> 816

<212> DNA
 <213> Aspergillus nidulans
 <400> 6804

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ggggaaaaat ggtgatcggg ccagaggaga agagtgcgag aagcacaggc catgaatacg   180
agaaggcgag tggactggag aagcgtccta caagggtccc aggcggataa gcacaagcga   240
tgggggggagg aagcgagagg agaatgtgcc ggctcacgct ggccctggta ctgttgaatt   300
ttaccagact gttgcctctc gtttaaaaga gatacacaga ctgtgcttcc taagtctctt   360
atgaagcgtc aatacagacg gtgtctgctt gtgagttact gggattgctg gattgctcaa   420
tcagacgtcg cagccgtgcc ctttttttcc agttgttcgc tgcatactg gagccaggat   480
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tgtatgatag gtacagtcta gtaccgcgca gaccgatgag gatgagaata ggccaacggg   720
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<210> 6805
 <211> 1204
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6805

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actgaccgct cgaccgctcc gggctcggta ttgggctcag aattggtggc cttgctggaa   180
caggcaagga gaccgcccgt tgaagtgacc tcacctgat cctcggcctc ttatatggcc   240
tgcatcactc ctgatgggtg cggatgggtc tgatcagatc agatcagctc cacttctact   300
acccacaggc cgcgtctcca ctgctaggaa caagtcaaga tccagcatag ctaggttagac   360

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 cagccactta atcctagagc tttctattca agctcctttc gggccttccc gccgtccctt 540
 tagcattca actgctgggc cccccctgtt tctatgacta acagtttcct tcacgaacct 600
 tgcattccctg accgtctcgg gcattgtctg atcagacgtg cagcgtagct gacaattcag 660
 ccgattcctat tggcgcccggt gtcggcttcg actatttggg taattcgcaa cgtgctcgag 720
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<210> 6806
 <211> 295
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6806

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 agaaaatatg aagttatcgt gacatggacg tccccagagc agctaattgt ggggccgcaa 180
 tgctgggcca gccttccac cgagtttttg ctaatgtctc cagcactatt agagccaacc 240
 aaggttgctg tagtcttcaa tgacagggat gtgttcaatt gncancggct gtttt 295

<210> 6807
 <211> 855
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6807

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aagagcatag aggtggcggg cctgtccttg tcccttgagg cattccttcg tgattgccga 240
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<210> 6808

<211> 501

<212> DNA

<213> *Aspergillus nidulans*

<400> 6808

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tgtcacggcc accccgttgc tgccaggag ccacgtcgct tggaggggga gcgcgttgcc 360
agggcttgta atcgcggtcg tcgtaaccgt caggaccggc ctcgatacga cggactggtt 420

ggcatccgga ccaggagcgc cgccagacaa ttcttgcata agttgctaga agacattaat 480
aagagttcaa cggcaagtat g 501

<210> 6809
<211> 545
<212> DNA
<213> Aspergillus nidulans

<400> 6809

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aatatacatt agtcacatgg ggaataagat gaaagttttt agtcttcaat ttcagctaca 480
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accac 545

<210> 6810
<211> 1005
<212> DNA
<213> Aspergillus nidulans

<400> 6810

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tgtctgctgg caaaaagaaa aggaaccgat gggagaagcc agagaaagta ggtggtgcga 180
gatcagaaaa tggcttgaat aaggaaaata aagaactaac acaaggatag acgcagaagg 240
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gacagtcttc cacctaggca gctattaacg gcgcgttcgg cttacgtccg gcagaagccc 360
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cgcacgcggc taggcaatcc ggggaacaag tttgggaggt tcggttggat ttttagcgga 480
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 aaaccaaata gcaacaaata ttgctgacag gttgtcctga atattagagc tatcgtgtat 600
 gtactataac tctcattttg tccaccgaga tctattccta agttgaccct accacatatg 660
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 gcatactcaa acgcgacctg gttcgggac aactgatcat gcaatcgcg tctggcaagc 960
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<210> 6811
 <211> 588
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6811
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 gaacgaccag atgtttgtct ttcaggaaca cgagctggag aggatactcg atatcattat 180
 caccaacatg acgccgcaac ggtccccatc tcagaagccg gtaccggcaa atctcctttt 240
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 agttgagtca acgattgaat ttcaactcca tttagccgaa cttatcaacg aaatttttat 480
 tctgattatt cgtgatgctg agcgcgggat gaataagggtg ttggatgcgg cgatgttgga 540
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<210> 6812
 <211> 574
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6812

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gcttatccct agccccacgc agttggctta atagctgcaa ttctctcttc tgttcctatt 180
cctgctgcgt ccacccatca tcgtcgatcg cttcacgatt ccagagctca tctcgagcta 240
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<210> 6813
<211> 782
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6813

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gagatcgagc atatggcatn caagatcttc tatcggaggt tcagtcagct tcgncccggt 720
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 ag 782

<210> 6814
 <211> 583
 <212> DNA
 <213> Aspergillus nidulans

<400> 6814

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<210> 6815
 <211> 1017
 <212> DNA
 <213> Aspergillus nidulans

<400> 6815

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 acttgaatct ccatactgt ctcaagtacag ctggaagcac accgattgaa aaagtcggcg 240
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 gaaggggtga ggcattgtat gaagagtttg ctagcagatt ttgatattct gatggctgtg 960
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<210> 6816
 <211> 789
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6816

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<210> 6817
 <211> 578
 <212> DNA
 <213> Aspergillus nidulans

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<210> 6818
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 <212> DNA
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<210> 6819
<211> 527
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6819

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<210> 6820
<211> 572
<212> DNA
<213> Aspergillus nidulans
<400> 6820

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<210> 6821
 <211> 697
 <212> DNA
 <213> Aspergillus nidulans

<400> 6821

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<210> 6822
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 <212> DNA
 <213> Aspergillus nidulans

<400> 6822

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<210> 6823
 <211> 745
 <212> DNA
 <213> Aspergillus nidulans

<400> 6823

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<210> 6824
 <211> 546
 <212> DNA
 <213> Aspergillus nidulans

<400> 6824

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<210> 6825
 <211> 589
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6825

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<210> 6826
 <211> 438
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 6826

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cccactaaat gatatagt 438

<210> 6827

<211> 2457

<212> DNA

<213> *Aspergillus nidulans*

<400> 6827

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<210> 6828
 <211> 614
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6828

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<210> 6829
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6829

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<211> 624
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 6830

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<210> 6831

<211> 685
 <212> DNA
 <213> Aspergillus nidulans

<400> 6831

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<210> 6832
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

<400> 6832

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513

<210> 6833
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<212> DNA
<213> Aspergillus nidulans

<400> 6833

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<210> 6834
<211> 510
<212> DNA
<213> Aspergillus nidulans

<400> 6834

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<210> 6835
 <211> 953
 <212> DNA
 <213> Aspergillus nidulans

<400> 6835

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 gggtaaatga ggtagaagg gcgtgactga ggagagaatt tatacgagcg gagcccatg 900
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<210> 6836
 <211> 758
 <212> DNA
 <213> Aspergillus nidulans

<400> 6836

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<210> 6837
 <211> 483
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6837

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<210> 6838
 <211> 693
 <212> DNA
 <213> Aspergillus nidulans

<400> 6838

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<210> 6839
 <211> 449
 <212> DNA
 <213> Aspergillus nidulans

<400> 6839

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<210> 6840
 <211> 743
 <212> DNA
 <213> Aspergillus nidulans

<400> 6840

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<210> 6841
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 6841

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cccaccccat ggcaccagac attaagaacc tgggcaagcc actatgcgac catgatgtaa  300
aggctaacca ggctcttgat atccccctca tcatccctg gcactgatct gggacggtta  360
  
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ttcgactatc aaaactctcc atccacttat gaacaaccaa acgtcaagat gtctgacgcc 420
 ccggactcgc tctcctcaga caaagccaaa gaagaagaga taaatgccgc gtttgctggg 480
 aaaaatccca agaaattcaa ccccaacgac cctagcga 518

<210> 6842
 <211> 1032
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6842
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 ggatatagtg gagtcaatca aaagacaggg tataggaaga agggaaagga aaaatgaaaa 180
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 cgaggcacgg cgatactgga ccggccgac tcggactcct gttgactgcg ctcgacaacc 960
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<210> 6843
 <211> 1011

<212> DNA
<213> Aspergillus nidulans

<400> 6843

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<210> 6844
<211> 501
<212> DNA
<213> Aspergillus nidulans

<400> 6844

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aaaccggtgt gctcatgcat ttgctatggc ctacttttcc tttttgttat gttaacgact 180
acgatattct ctagttggac acgaaaaata tgatttggtc aatgttcatt ctcaccagta 240

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aaaagtaata gtagtccttg tagttcatgc tctgtcattc tctatttcac ctttggtact 300
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<210> 6845
 <211> 929
 <212> DNA
 <213> Aspergillus nidulans

<400> 6845

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<210> 6846
 <211> 448

<212> DNA
 <213> Aspergillus nidulans

<400> 6846

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<210> 6847
 <211> 662
 <212> DNA
 <213> Aspergillus nidulans

<400> 6847

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<210> 6848
 <211> 581
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6848

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<210> . 6849
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 6849

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<210> 6850
 <211> 808
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6850

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 gtctgggttcg tatatgggcg cacgaggcac tgcgtctttt ccaggatcgt cttgttaccg 360
 aagaggaaag ggcttggaact gccgatgccg ttcggcggat tgcgttgag cacttcccta 420
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gaagtggtaa gacgacgttg tctcgcttcg tcgcctggat gaatggcttg aaggtctttc 720
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<210> 6851
 <211> 905
 <212> DNA
 <213> Aspergillus nidulans

<400> 6851

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<210> 6852
 <211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 6852

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 gtgaaactat gtggtctggt atgagcgctc actgggacac cgaaccaact cataaacgga 180
 gtcggacctt ttacaaagct cgtctctctg accgaaacgg gcattggact aaatacacac 240
 ttctgggcca cattctttgc aagaagtaca tgaccaatth gtaagtgggt ctgttacctc 300
 tgtcagtacc tgacatgcat gacgttgagt atttgagctg agctgggttac attgaacgaa 360
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<210> 6853
 <211> 820
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6853

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 gtttatttta ttattattat tcttattatt tttttccatg tttcagtcta cagccaaatt 180
 cgccagaggt taagtatgtg tttgcatatt cgcgcaagta tatataatgg gaaaaaagtg 240
 aaatcctctt aaaatctagc caagttacca acctaacgca caacgtatth tatgcaataa 300
 caataaagtc tccattacct taagccgtat acgaaaaagc tggctactac tggtaacagc 360
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 agcagaagca gaattataca atactagttg ctcggttat ctatcaaaca gccaaagcgaa 480
 acatgataac gattggtggg cacataagat acaattactg tacacatcca cattacagtc 540
 gcaacagtgt tgcgctgcag tgtaatgcgt aagtacggta gatcaagaat aatcaatcta 600
 caagagaatc atagcagcgc cggcaaaaat ggcagtggta acatacgcgc caacctggaa 660
 gacaccaaca tggacacttc caggggacag agcgaatgca gctccctcag aggtgtcggc 720

accagcatct ccgctgccgc cggaaccacc gcttgagccc gtacganacg tttgacagag 780
cccgttccat cagagccagc ctgactcagt agggaagagc 820

<210> 6854
<211> 757
<212> DNA
<213> Aspergillus nidulans

<400> 6854

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tctatccgac cttccactgc gagccgactt gaactgacca ctcatctgcc cattgccgca 180
gtggattaag ggccagatat accagactat acctgtatat ctagacgctg ctactatgga 240
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gtttgcgcgc aggcagaatt gcaggatcaa agaggcttat gccgtcagaa ccattctgca 480
gtcacacctg gactaagat atccttatga agtagtcag cattcgatta cggtgacagt 540
cttctggag agagcagttg cacaagcgcg gcgactgctt aaccctaata gggttacggca 600
atggaggaa cagcccaaga caatgttaga gtgaactgta aggttaaccc tagagtatca 660
ccatgaaatc ttcttctagt tcaagcatat gctcgaatgc cgccacggga cacaatagct 720
cgtgctaggg tcgtggcaat agggatatccg tataccg 757

<210> 6855
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6855

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catcattaac aacgaggaga tcatcgactc ggtcaacgag aatgcagcca tggccctagg 180
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tttctgaag tccatgagca gaatcgattt tacgcgggaa aaggcctcgg cgttcctcgg 300
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ccaggcgatt gcgcctttcc cagcaagtcg ctccaccagg atgaatacca cgacattcaa 420
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gtgacagggtt cttcaagggtt ataaaaatat ga 512

<210> 6856
<211> 741
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6856

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aaaagtagca gaaaaaacca gagtctgcct ttcaacacca ggaacaacat tttcttcgga 180
cgagtcgtct tcttcaatcg ggcggacctc catcctcaac gcggtcaagc gagcttagaa 240
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gataatgttc caaaattggt aagccaaagg ccagngtctt tctgaacca gttgaggctt 660
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<210> 6857
<211> 523
<212> DNA
<213> Aspergillus nidulans
<400> 6857

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 ttggttggcc ctaatccctc ggcccttcctc agcacattac tctgggtgat tggaacgatg 180
 gcttccccca gcccatcctc accttcatct ccatcctcat cagcgtctct gtccgtgatt 240
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 cgaaatcggc ggacgcctaa cctccccccc tccacagcca ccaccaccaa cagcaacaac 360
 aatacaagag cgaatgcgtg cgccaccca tcatgacatg tacatgtaaa agcacgtgc 420
 ctccagtaag cacagacctc gccaaagggtc tctatcacgt cctcccgca agcgataatt 480
 caaacaccat ctccataacg cagacacaac aacgacaaca aca 523

<210> 6858
 <211> 897
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6858

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 cctcctttta catgccaaac gctctgggtg aatgaaggcc gccggtctgg cttgagtggc 180
 cccgttgatt actatacacc agtgcaaaag tgtccactga tgatcccttc ttcagtctat 240
 aagaaaggat tgtcgactcc ctccaaggat agtactagca agacaccaca tgaaagcagc 300
 acacctgca ttg 360
 attgcttctt caagcacg attattcccg agcagcc 420
 tccccagtcg tcatgctctc caccactatt ctaagctcta caagcagcac cctgtacca 480
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 caaggctagt gcggacatca taccaatact tagtcctaag atagagctga acatcacggt 600
 ttattgtatt tatttttagct ggtgagaaga ctatatattt ccgtcaatgc catgctgctc 660
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 ccaacagagt agcaaaatgc atatgctgca gctaggaacc tttgctgccg gcttagatca 780
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<210> 6859
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<400> 6859

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gtactccggt accggtacgg ctatagtcac ggcacgctct gcaaggcgct cgcgaccggt  180
tcgttcgaat cgcactcacg ttccctccta caacgaagat agcggaccca gcgattccct  240
gggcggagac agcgagaccg accaacaccg ctctggaggc ctgtcgcatc ccttacgatc  300
acgagattcg aatcgcgctc ctatatcata ccgtgaagaa tcgaccgatg atgatgtcct  360
gaataactct catgaggaag atccagatga ttcgcttcac cggacctatc ctctaccgca  420
cgctgatatg cgggccacgc ctacaacaca atcaacggcc agtcgtcctc gtcgtagagg  480
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<210> 6860
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6860

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ataaagcccc catgattacc ttcgctaaac acggaggcct ggtttctgat cgtgccattc  180
caggtctgtg agacgactac ttgctcggaa acaacgaggt tgaagatatt aannnnntatg  240
actggaacaa catggtctgc cttgtacctt ccggcgctct ttgaggttgc aaacactcac  300
cgacagttga tgaatggggc aacaacctct acgaatcgta taagaaaggc gaacaatttt  360
tcggattcct gcatggcttc aaccaagcgc caaccgatta tgggtgcgttt aaatagaggg  420
aacctgccaa ggggaacgtt ctatgcatat tccctacaag atgacgtatg aagaatccgc  480
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<210> 6861
 <211> 823
 <212> DNA
 <213> Aspergillus nidulans

<400> 6861

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gtctatgtca aactgttaag gtcgattaac tgtcaattct gagatcttgg gccgcagtgc 360
cagagccgtc actatattta aacgagatag atctggggaa aatgcgggga atggagggtg 420
aggtgagtgg gaaagactgg gaccggacat ggcccaggt tatagacccc gcatccagtc 480
ggttaaagag atattatctt gtataggaac ttgtctgcga accgatcacc gaggatgggtg 540
gacaaatcct agattgcact tcaccactga gaatgggtca aaaactttca tatcggttcg 600
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attctattat accctacagt acatatagcc gatatggttt gccatatatg cttgaaatag 720
agaactgctt actgggacca acggacaagg aactcccatt cttaatcaag acattcaact 780
gcattcatcg gttattatgc aacgacctag catttcgcaa gca 823
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<210> 6862
 <211> 650
 <212> DNA
 <213> Aspergillus nidulans

<400> 6862

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ggattctgat tcaaccccaa gcccaaattg tgcaaagaaa gaattccggc gggcttgggc 180
ctatgagcgg ccgtcttcat gacgatgagt gttacgtcgc agccgtcgac tcgcttccag 240
catgatcagc aagcactccc aggettaaga gggctctcgt gatggtggat tgtggactgt 300
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gaacttttaga gtgaacaacg gcaaggtcga tcagaattaa tttcccgctgc tcgctgctgt 360
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 caatcattgc agcgtcgccg cgaccgtggg ctgtccatcg ggccctgcgcg gaagacaaag 480
 aagagtatac accgaccgga gtaatcaatc tacatgagac ctatagcaac ggatattatt 540
 gtggcgacga gcgaggtttc gaaaccgttt ccccgccca gtcccaccga ttgccagaa 600
 ggcaggaata tcgcatgcaa tcctgggttg gatcttacga gacagatctc 650

<210> 6863
 <211> 527
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6863

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 atggacgggt gactgactga gacgaagaag ctggttgctc catccgatct gctaaacatc 180
 ccaggaaaca gtttcagcca ggtatcatcc ccatacatta caagttgctc gcccttcgct 240
 cttatttggg ccagccacgt atcttggtat gcaaggggtg acgatgtgtc agactcagct 300
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 ggcattgtaa ctgtcgggga acctgcataa gcggtaaagg gaattgcagc accggatcgg 420
 atgaggcttc tgaagtcagt aggactatca ggcaagatcg aataataatg cgaacctctg 480
 tgtgaagaga aaccgggagt tgttggaata acgaagtact tagtcgc 527

<210> 6864
 <211> 377
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6864

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 tgctggcata tcagccagcg ttctcactct ggatactcct catccaatgg agggcatgat 180
 gcccaattgc tccagctcca cgaactgaac tggtagccta accttatagc atcgagcaaa 240

tcacgagcgc tattcacatc acccgtcttg ggagagataa aactgacac aacttgctc 300
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<210> 6865
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6865

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 cctgggctgc ttgttctgt tcaataatcg gcattacgtg ctcttcgacg ctgtctctga 360
 gtatcttttc atctgcgtcc ctctgttcc gtatcgaatc aaggaactgt tggtagtcct 420
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<210> 6866
 <211> 291
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6866

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 gaatacactc acgcgataca ttattattta acttgagcat ggccatgttt gcaggcgaac 180
 gagaactttg gcaggacttg aaccactgat tattagctct cagtccgact aaaatttta 240
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<210> 6867
 <211> 838
 <212> DNA

<213> Aspergillus nidulans

<400> 6867

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tttttcagca tattatgcag caatcgccg ccccggttgc ggatgctcag ctctttcatc 180
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tacatcggtt cacgctacca gtgctctgga tctgtcaggc tttagtcttt tgtgaggctg 780
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<210> 6868

<211> 459

<212> DNA

<213> Aspergillus nidulans

<400> 6868

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ctggccagac aaagacgcac aaaaacataa agagatacgg ttggaacggc ttagaggatc 180
aggcgcggaa caaacttttg ctacagcggg gaggcgctgt gatgattact ccactactgg 240
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tccgacggca aggacaactg gggctgtgga agcaaaaggg aggggtaggt cgaatgacca 360
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459

<210> 6869
<211> 146
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6869

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atgcagatgg tacagggaca ttgagc 146

<210> 6870
<211> 944
<212> DNA
<213> Aspergillus nidulans

<400> 6870

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ctcttagtga tctataacac ggctgcagga gttgggtcag tgtgtttttc tgctcatagg 180
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944

<210> 6871
<211> 734
<212> DNA
<213> Aspergillus nidulans

<400> 6871

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<210> 6872
<211> 527
<212> DNA
<213> Aspergillus nidulans

<400> 6872

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cagtttaacg aatgggtcaaa ggggtaccttg ctctgagttt tccgaggcca gattctggtg 420
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<210> 6873
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 6873

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<210> 6874
<211> 542
<212> DNA
<213> Aspergillus nidulans

<400> 6874

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<210> 6875
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6875

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<210> 6876
 <211> 846
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6876

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 gcatcaatga gattgaagat aaagctgagc acgggaagga tggtgttatg ctcggtgctt 180
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tttgtttcct agttttattca agctgctaga cgtggagcag catgtactca ttacttggca 420
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 gaggcagtcg atgatgaata ccatgaacta ttctgtcat catcgtaata tctgctcttt 660
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 cgataatata gatcgtctcg cctatcgcca tcgtcacctt catattttcg tcgcctagaa 780
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 taccga 846

<210> 6877
 <211> 529
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6877

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 gtctgtccac gtcttccaaa gattgtcgtt cattgggtcc gtgacgaagt cgttttctgg 480
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<210> 6878
 <211> 480
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6878

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 ctgtattcct gcgtcgtggg ccatctcata tacaggtgac ctatttcaat cgcttacatg 420
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<210> 6879
 <211> 534
 <212> DNA
 <213> Aspergillus nidulans

<400> 6879
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 ctgtacgtat taccctgaca gcatgctttg ggcaactgaa ctaaactgcc ctgcctaate 180
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 tgcttggcat tgtgcgcttt accgtgcgtc gagacgatcc gtgccgtgtc tatcgagccg 480
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<210> 6880
 <211> 646
 <212> DNA
 <213> Aspergillus nidulans

<400> 6880
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<210> 6881
 <211> 693
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6881

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 aaataatttc cccctttttc cttttttaaa ttatttttta ttcaatattt tttaatatta 180
 ttaataatta tattattttc tattttatat ttcttatatt ctttattatc taattctatt 240
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 tcaatattta taattaatta tttcatttat tataatttat aatcataata tttaaaacta 480
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 gtattactat attattttat taatataatt ttaattttat atttataatt tcaaatttat 600
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 ttataattaa taaattttta atataatagt tat 693

<210> 6882
 <211> 780
 <212> DNA

<213> Aspergillus nidulans

<400> 6882

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<210> 6883

<211> 627

<212> DNA

<213> Aspergillus nidulans

<400> 6883

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caaggcatct gaaaaactat acacaccacc ttaaagcgca cgtgataaac atccagacac 360
acatgccact gcaccattga taatgactct gctgtcaatc tctactctcg ctttacctct 420
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aagccatagt acatctattc ggtacacaat tttgataccc acaccacgtt actttatagc 540
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<210> 6884
<211> 1053
<212> DNA
<213> *Aspergillus nidulans*

<400> 6884

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<210> 6885
<211> 895
<212> DNA

<213> Aspergillus nidulans

<400> 6885

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<210> 6886

<211> 581

<212> DNA

<213> Aspergillus nidulans

<400> 6886

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<210> 6887
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 6887

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<210> 6888
<211> 473
<212> DNA
<213> Aspergillus nidulans

<400> 6888

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cccgtccttc accccattca tcattgtctt tacgcacgca atcacaacat cttcgaccac 420
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<210> 6889
<211> 692
<212> DNA
<213> *Aspergillus nidulans*

<400> 6889

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<210> 6890
<211> 871
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 6890

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cggacagcag cccttcattg tcgagtccaa caacggcgga tgtcacaatg aaacatgtct 180
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cattgggtgcg gaaatggctg gccaatacct gacgaattac ttctctttta tacatgtttt 300
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<210> 6891
<211> 798
<212> DNA
<213> Aspergillus nidulans
<400> 6891

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cagcagcatc cttctctctc tcgtcagaaa gaggagccgg agccgcagcc gaagtcgaag 180
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gttgaagag aggcgttga cggccatgga tttgatgcaa atatagatgc aatatgcacg 720

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tattataggc gattatag 798

<210> 6892
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 6892

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agctgcg 607

<210> 6893
<211> 704
<212> DNA
<213> Aspergillus nidulans

<400> 6893

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cctgtgattg cccgattgta agcccatgtg cggctgtgat ggcggcgagt ctggctctcc 540
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<210> 6894
<211> 1017
<212> DNA
<213> *Aspergillus nidulans*

<400> 6894

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cgcagcgctt ggattagctc aagtcggttt cgcggcgcac ggtcgtcttg ggttcgatac 180
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gcccgaccac agcttccggg cctcgtctgt gacacgctgt gagattacc ctccgggacc 360
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<210> 6895
 <211> 756
 <212> DNA
 <213> Aspergillus nidulans

<400> 6895

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 ttcattataa atcaggaagg gtgctattac gatgaatcgc atatcatatc aaggccgagt 180
 catgagtcac gattaggggc atatcatcaa catcaaggca aaacatcaaa gtcacatag 240
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 gactcaaadc atcatataaa taccggttg aactttctca gcaaactctc gaccttctcg 360
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 gcgctgcggt ctttcgccga cgacgcatag ggatcggacg atgagtaacg gcgccggtca 540
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 gttgaatcgc tatcgccgt ctcgtatccc gttgttttct cgtttgtctg cggatcatcg 660
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 gaacgtggac gcggcggtgc tagacgggta gactct 756

<210> 6896
 <211> 608
 <212> DNA
 <213> Aspergillus nidulans

<400> 6896

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 ttgcctaadc actatgactt acgacctgt acatttctc cagacacccc aggcctgtcc 180
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catcctacat tagtactcgg caaaacatat taaaatatgc cctcaaacc agtctttaa 420
cgaagttaat aacgcctatt ctttcagagc cattctatat tgcgatgaat aagatacatg 480
gaatcctgat gggagctcct ttttcccctt gaagagtgat cactgtggga aaaccaatgc 540
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tatagaaa 608

<210> 6897
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 6897

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acataggaag ggccaggggc aatggctcctg tccccttgcc taatgcgtct ctatacggcg 180
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agaatccttc cactactcgc aagccgtcaa agtcggcaac attgttaaga cttccggcca 480
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<210> 6898
<211> 569
<212> DNA
<213> Aspergillus nidulans

<400> 6898

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ggaacatcaa catcatgact gtgggttttt acgagccagt ctcatacctc cgattccctc 180
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cccggactga ggagaggaca gagaagaact gagtgcaggt gcttggacat agagctgcta 300
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<210> 6899
 <211> 647
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6899

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 gtcgctatta ctactcattt gtttatcttt gctgccgctg cttgtctttc cttgaagact 180
 aagggttctc accagaggag tgccctgcctt aagattggcc ttaagcagta cccctgcagt 240
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<210> 6900
 <211> 655
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6900

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ccgtctcca atacactcac gtctatthtt aataacgtcc caacatactt gtaacccgaa 540
gtaattaacg accacgccta ccagacctat tctcgatat ccttaactct tctctctata 600
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<210> 6901
<211> 555
<212> DNA
<213> Aspergillus nidulans

<400> 6901
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<210> 6902
<211> 972
<212> DNA
<213> Aspergillus nidulans

<400> 6902

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<210> 6903

<211> 569

<212> DNA

<213> *Aspergillus nidulans*

<400> 6903

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ttagaagata tgcaccaat tctccgtcca aaatcctatc acaaacgact gcttaccctc 240
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tggatcaatga gaagccaac tgcctgcaa actgctagag caagaagaat acacactggg 360
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 ctgggtccgt ccttgccaga ccacgtctac aacttctggg tccagcatgt tgccgaagac 480
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<210> 6904
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6904

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<210> 6905
 <211> 501
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6905

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<210> 6906
 <211> 449
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6906

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 gcattaacaa cgttatgata catcacgttc aacgaacttg acctttcaac cttgtgctct 300
 ctacttacta ctatgtgtaa cccagactgg gcctaaaatt gcgacctgcc atgtgagtat 360
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449

<210> 6907
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 6907

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caacggatcc ttaactgtga acatattgaa ggtaagtagt cgcattcttt ttcgccgatt 180
cacaacttta gctaattata atctcaagct acttgctcgg ttcgtcacca tggatgacga 240
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gcaggagaac gggaagccgg gctcaaaaga aggctcgcca gctaaacctc cgggtgacag 420
tgccgcagtc gtaaattggg ctcgtaggga tacctctggc tctaaacgac cacgagatgg 480
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<210> 6908
<211> 837
<212> DNA
<213> Aspergillus nidulans

<400> 6908

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accatccgga cactaaagcc cgtgtccaac cgggtcccgg aaacggcatc ggaacataat 180
ccaagcatgg agcaggagca ataatacggc tgaagggtgtg cagggccgcg cccggcgtgt 240
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acgtgtttgc tagcgcagag caccctcgat cgcagtattt gtcctctgcg ccatgttggg 480

ggatcatctga acaactagtc agtgacgggg caccaggcca agaactcactg gggatgagaa 540
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 tcgtccatgg tgccaaatct ggaacaggcc ttcttcagc attgtgaagg agtacttcgg 660
 tgtatttacc acaggtcatg gaatttcaga tctttgcata ggccaaggcc ggcgtggcat 720
 cttggccata ataagggtcg ttctgcgcgc cgaggattga gttgttgccg gagagttgca 780
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<210> 6909
 <211> 355
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6909

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 actttccacg tcacagctga ctactcaaca tacttacgga gggggccgcg actgctcgtg 180
 cagcgacgca aataatccgc tgacatgctg gtgcggaact ctttntaat cacaaaaggc 240
 gatgattcac gccttgacta accgattctt cgcgacctag gcccactg aagaaacaca 300
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<210> 6910
 <211> 674
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6910

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 gatgtctttg ggcgcagtca ggccgggttc ggacaaaacc agcccatcgc ccagcagact 180
 cccgtttcat cggaagaaac caaggctttt gacgcttcca agaccggtgg accaagtcct 240
 tcgctgtccc aggccaaccg ccctgggttc gcgaccaaca ctccaggcca atcccagagc 300
 cagaccggtc ttccccgctg cagggtcagc aaacacagca gggcttttgt ggttaccctc 360

acctgaaccc tcagtacggt ggtcttgacg gcctcggcgg gcaccagaca gctgccaacc 420
agacccatca ccaggcgacc gggtatggca actacggtgg tgccggcttc ggtaactact 480
acgggaacac tggacgaggt ggctggggtg gtaactatgg tcaactaaagg atcaagctct 540
gatgttcga ggtaatgaat ccttcctttt tcatactact gtcagggcgc ggatgatccc 600
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aaatcgctct ccgg 674

<210> 6911
<211> 947
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6911

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taagagctcg tgttgaaagc aatgcttgag gatcactgct gctttcctca tcggcaattc 180
tcaaatactg ctacttgagc gcggatgaga caggatgatt aggttgtgct cgaatcctcc 240
gcatcatttt ccgtttcaga ctgatgcgac cggctcttct ccgattgttg aagaggccat 300
cggcactctc agtccttgat tccctgggtt cgtctccgcc tggatttgaa catctggagt 360
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ttacgggtaa tgcaacgga cagcaatcat tatggaagga tttagggaca cagctggaga 600
gattggatta cgagtctgat gttggtcata ccgatgatgt cggcacgcgc ttggtggatg 660
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taaatgcgag gcgacttaaa cagggtgtgga tacgcgtgga ctggacaatg acagtaactt 900
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<210> 6912
 <211> 473
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6912

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 cgattaccag ttgctgtgta tcgaaaggaa aaaaagtga gaaaaagcaa tcagggtcag 180
 ggccggcg atagctgtcg ctctctctc cccccccac acgtggctct tgaggctcta 240
 gtgccataac tatatatata tatatgctta acggtagctt gtcaattgca ctccatcatc 300
 ctcttgagtt ggcgttctgt tctagtcctt cgcaggcca gatcagccca cttgatatac 360
 ttccatctca gaccagctcg cgactccgaa atgtccaccc gcagaggcca gtcttcacgg 420
 aagcgtccct cgcacctgcc tgcgattgac ccaaggatga tgtgacactt tga 473

<210> 6913
 <211> 545
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6913

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 atccgtgtcc acgccgacat cctcatctga accgacgtct gactcaaagt cgggttctga 180
 agcgtaccgc acgtgaactg tatgcgggat gtttgtacct gggaaggcat agacattgtc 240
 atccgtgtcg tgtgtatcgt cgtcgttgtt gtctacgcgg tccccctcca tgttcattcg 300
 ctttgtcttg aggaatggga tcgaaagacg aaagacgtac ttggatttga cgcgtggct 360
 aactcccatt tttcttcaag aatttcttgt atccgacaaa agtgggtgga tggcaggtaa 420
 gaagtgtgtc aattggagta caggcaatct cttgttctgt ctgctccggt ctgacttgtt 480
 tcttgacagc cctaagaatg aaaatgacga ctgtgggcaa gcaagcccag gcgcataatt 540
 atata 545

<210> 6914
 <211> 455

<212> DNA
 <213> Aspergillus nidulans

 <400> 6914

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 ccaaacaaac gggggagggt taatttcaca ccttcaacag taccactcac aatcaacact 120
 gactcgctg cctatcccat aataggcaac acctttaaca cagtggacaa aatttcaacc 180
 attagacttg gtacatgcca atcccaagcc aaacgaggga atagaagctc tacaaaacgc 240
 cttactcaac gagcaccggc acatggatgc ttaagtaaca tactaatact ttgacaaaca 300
 aaacctgact gcaattcata tcgcgctaga gtacatccac gaagctgaag ccaaacaagg 360
 tatcaccgat gttgcaaata ctaccgagga gatctggctc accactaagt tggccaacat 420
 ctgacaccaa cgtttaatca aaagcttcaa cagct 455

<210> 6915
 <211> 571
 <212> DNA
 <213> Aspergillus nidulans

 <400> 6915

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 atgctggtgg atgggggagt aatggctagt cagccaaggt atagcacgca tagctcacac 120
 gaagaacgaa cagaggtgta ctatggcgctc taaaaactgt accatcatct ttaaaagacg 180
 aagtgcctgc aaaccagaaa atcaaccgtc aagatctggt cgataaggag cgagctgacc 240
 ccaagtatta acctaccatg catcacgagc ttgaatcaat gaaacgatat gaggactgcc 300
 agcacgctat agctccagga ggcgtgacct atattcttgc taatgcacac gaaaccacta 360
 tagctgatgc ccggaattgc cggccttttc aagggatagg cactcacact aaagggcatc 420
 aatgcgtcgg cagatccact acaatggtga acggcgaatg actgcgacat gccatgcaac 480
 cacggccggc tgggccgcac gctcttagaa catgctccaa atgcgctgag ccagacgaca 540
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<210> 6916
 <211> 498
 <212> DNA
 <213> Aspergillus nidulans

<400> 6916

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ctcgatgacg ctgtgcttca cgcagcgatc ctcagctcca gacctgcctg acagcatcct 180
ctgcccataa acacacgtac ttctgaaaag aaagatctac aggtaggaca cagctgtctt 240
agccctgggt ttgtactgac acagatttcc agcctactta tttagacagt ctttctcaag 300
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ctgtcttttt actttcagtc tatgccctta tatctcgttg tgtctgtaaa tatatagttg 420
cttttcttgg agaccaatct gcctttcaga tatctagttt cttgctatct atcatgcgtg 480
ctgatgtatc tgagttaa 498

<210> 6917

<211> 586

<212> DNA

<213> *Aspergillus nidulans*

<400> 6917

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cgaagcgaat tattcaatca gtctggagtg cggggttgct atcagtcac cctcggactc 180
caactgtcca gggttgcatc cgagtattca cattctatcg agtaagcttg caaaaatgaa 240
acctcccagt acctccagcg gtgaccaatc caggtgttct acgttttgca cagtaccaat 300
tcaagaaaaa ctctttggta gaaatcacca tcgaccgcc tataaagtca gggctaagat 360
ggccgcttgt gggccggcaa tgtatataga tagaatgcaa aactatagga ttctggttcg 420
gcttgaggta tcgaccggtc gatttgccaa tgtttattct catcctcctc cattaacaca 480
aagtgcacta taaagtgcac tccaatgttc tgcacagatt gatgttcttg tgccacattc 540
gaatgcttcg aaaccacatt tacgggtgat gccctacgat ctaata 586

<210> 6918

<211> 842

<212> DNA

<213> *Aspergillus nidulans*

<400> 6918

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gaattttcag agtttagaac agacttccat ccccaattga gtagctccta catatttcaa 180
tgctcagacc tccacctttt ccctgttata tgcaagaata ccgtcggcgc aaagctacac 240
ccgacaatca gcgccgtcac gacccccgag ctctttgcaa cgcccacgct ctcaaacatc 300
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cctacaccac cggcatcttg cggatagggtg tcgaccgcat acgtcgtcaa cacggttgta 420
acaacttggg tcccgaacgc cccaaccca gtccctacaa tgggcgcgac ccgccactgt 480
ccctcggggg aatgctcagt gcagacgaga aagacaacca tgccggcaat agtaaccagg 540
taccgaagt agctgagcca gagacggaac tcgggtgggg gacggccggc atttttgggt 600
ctgtgcatga agtgtcctgc gcggctcatc cagagatcag acatgacacc gcccatctgt 660
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agggcgaatt tctcttgagg agttgtggga cttcgacccg agtgagcacg gaggcgaaga 780
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<210> 6919

<211> 782

<212> DNA

<213> *Aspergillus nidulans*

<400> 6919

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gtctcattac ccctcctacc gaatatgctt atgccagct agaaaagaga accgctagcg 180
caatgtgaat atctgttagc catagcatgt taaaaggaca gtaaggcctc gcgttttttag 240
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ttccgtgaat tggaatatca agctccaagc cacctgcata agggtcggat caatcgcggt 360
tccatogata ttattgcggc gtgggcgttg agttcccaac gccggcatgc aaccaatctg 420

agtaagaaga ttcttcttgg ggcactgatg gacgagtggc ccctgggttaa gaatgtgctc 480
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 aaggtattgg atatggacaa cttgaaacct tgagtctgcc gagcccgcc attataccta 720
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<210> 6920
 <211> 620
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6920
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 ggttgtgaaa agaacagagt tgatatagtc ccccgagcta tcgatgcagg ctggaagagg 120
 accacaggat gttgacaatg ggcattggagt ttagacagag caaaagacga ggtcagaagt 180
 ggttcatgat ggggaggagg aagaggaagg aaagatgggg gcggcacggg gaaacaaatt 240
 aggaagggtt acaatgtcac ttataaagc cctcaattgc tcaattcatt cttcagcccc 300
 cagccctttt ggaagaccta gtgtcaatgg ctctacgga aagtcacga cttgcgggca 360
 gaagtaagcc ttttcttcag cgtgtgagc ggatccaaat ggaaaacatc acccaaccag 420
 gaggtcctgc ttgctgcata tttcatattc tgaattgact ctacagagg ggtactaaaa 480
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 tctttctaac tcagttttat 620

<210> 6921
 <211> 489
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6921
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gtcatgatat gcttcgaagt ctgctcatgg caacaaacgt ggatgagatg aactgccttc 120
attatgcctt caaagagaca ctgattgcag taatgccatg gaccaacaaa aagtctgaca 180
agttcatatc gactatgtca atgatacaca aactgctgga atatgcagat agcgagattg 240
tcaccgcaaa agatgccctt gggaacacac caatccacta tgccatggat tacagactat 300
gccacattgg tggcgagtac cgatttgacg ggcatgacca tagatacgaa gatgtcattc 360
gaacgctcct aagcaaagct gagcctgcga tgaagaagcc agatgtactg ttcaattgtc 420
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agcaagagg 489

<210> 6922
<211> 517
<212> DNA
<213> Aspergillus nidulans
<400> 6922

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cgtgcccagt ttcagtgtta caaaataatc cggagtcccg acctgagcca agagtcccat 120
ctttatatcc gaacaggtct caacgtcgcc ggcagccctc gactgaacgc ttgctaaatc 180
cacgccagaa ccgcttatct gccccaaatt atcacatcgg cgtttgctcc gaatcgcccc 240
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ctgtttaaga ctcaaaggca caccgcatac ttgttagttg catttcgggt ggacggccgg 360
agggcaatcg acagtctacg agggtgagg tgtttcgagc ggtaacgtgg cctggctgga 420
cattggaatc gtacgctgga aaacttcgtg ccgtcactac tgattttgtc tgacaattaa 480
gtctggttta tgtctgttcg ttcgatattt tgagatc 517

<210> 6923
<211> 615
<212> DNA
<213> Aspergillus nidulans
<400> 6923

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gaaaaagcgc ccaaacagta ctcagctagc tgaagcagcg atccacgggt agacagaacg 180
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 aaaatactgg ataacaatta tttttttatt taagggttta ttgcccccc tctctttagg 420
 cttaaaagga tttttggcaa tgtttgataa ccaattgctt tgtgggttgc ctccggtaac 480
 ctaatgaaga cccctgcctc ttcctgtaaa tgtgatttta cttttttaat tgaaaatgta 540
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 gttgtatctg atttt 615

<210> 6924
 <211> 518
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6924
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 tatatgaaga gcgaatttac cctttaggga tcttgtagt atcatctctc aatgcatgtg 180
 atgggtttac ttgtaagggt agaggggagg gcgtacgatg ttgtactggg gtgtcctcca 240
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 gttaatttcg tcggagagct tcttgagtt ctctgagttg gccagacgt cggccagtc 420
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 agaaaaggcc catccctatg aactgtggtg gcgagacg 518

<210> 6925
 <211> 511
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6925
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cctcagacta tcgttgacgg cttaaggcgt acagtagact cagctgagct atgcctagcc 120
 tttagtctct gaaactctga ttgggtttct aaaactctga gagccactcc tgattctgaa 180
 acctcgtctt agcgggagaa gaaacctcag ttactgaag aaatgagttt agatgaatgt 240
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 aagcactccg atacgtatga tagagcagat c 511

<210> 6926
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<400> 6926
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 gtgatcggga ctatactcc tccgctagca acgatgacga gtgggaggac atggattcgg 180
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 gtgaagactc ccactcgtca gattcgtcta gttctggatg gggctgggga tggggatcaa 300
 agagcaagaa aacgaagaac aaatcgaaga ggcggccaag ctgcgcccac gaccgcttcc 360
 ccgctgggtac tgctactgcc gtaatgactg gagcattggg ggcagcgtct tctgggtatc 420
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 ctacttcgga t 491

<210> 6927
 <211> 743
 <212> DNA
 <213> Aspergillus nidulans

<400> 6927
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atccacaaac tgggactttt cgtgggcaac aacgtatggg tcaagggggc actgggtgtc 180
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 aactcttcgt ttaggaaat cagggtgggca atatcgatgt cgcagtaata atgtttgacg 660
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 cttttccgca tccaggtaga tga 743

<210> 6928
 <211> 925
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6928

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 taccttgccc agctccaggg taaaagctgg aaccctacta ttttaaagtc gaatcgtttg 180
 gcttggtggg aaagtggat tctgcttccg ttctgaagtt ggtgctgtct tgtttatacg 240
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 aactgagcc tgtcgtggc gttacttgga gcaaggacta cactaccgat ttgtctaagt 360
 ggacagagtt gatatctgat tgcaagtcga gactgctgtg tgccggacgag atcgtggtag 420
 gcgaaacgtt tcgacagtgc ttcttggggc ctgcgaaggt gatatcgagc ctgattacgg 480
 cctgggggct ggtgctatgg gatatgttct tgcaagcggg gttctcgtat cacgaaatat 540
 gcattctgtc cctaagacat ggctgctaaa gtgatgagag tgaacgcaga tcctttacag 600
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atcgcgagat caatcccccc tctgtttctt ttctgtaggt aggtatatac ttggaacaga 720
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ctatggttgc gtgggggttta tagcg 925

<210> 6929
<211> 545
<212> DNA
<213> Aspergillus nidulans
<400> 6929

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cttaacataa taggaacctg gcccagttcc ctaacctgct ccgtccagtc tccattgttg 180
acgcgatact caatcttcgc gcggagtttt ccacgatatg tcgcatgcct ttctctgcac 240
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ttctcgagga aaacttcctt gatgcgaacg tggagtttat tccgcctggg cgctctccgg 360
ccctccgcta gacgctgttg cttttgttcg gcagtttcga caacctcgtc aagaaacgtc 420
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gaggg 545

<210> 6930
<211> 534
<212> DNA
<213> Aspergillus nidulans
<400> 6930

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ctaaattcgg agttgaccat gttcccaagt tccaaaaccc cccacgcgaa gatggaattg 180
caaaggctac tcggaaacgc aaggctgctg aacttgaagc ggctagtcga gccaacgagt 240

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aacgccgttc ccgcaaccgt cgccaagggt acgaaccaa tgccgagaat ggacggagct 360
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<210> 6931
<211> 534
<212> DNA
<213> Aspergillus nidulans

<400> 6931

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gataggcttt gagggcgacg tgggtggacc ggctgtcact cacaaggaca atgatcatgc 180
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cgaggaggac gataaccgca atggccgctg acagtctcaa tgtgctgtca tccgacgccc 300
ataccttgct gaagaactgc aacctgtgcc atctgggaca gtgggtacat atgcagatac 360
aacacgaaga cattgctgcc gacctacaga atggcaccta gagtgcttat gatcggacca 420
tatatagcac cgcgtatgac ggtatgacaa cgacctggca gaaactgtgg ctctatcatg 480
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<210> 6932
<211> 509
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6932

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ggggaatggg aaaactagaa ggccacactt ataatcctaa accacgactg tgtaaacctg 180
gactcactca actattacat cgaacataac cgcttgacaa acacagggtca gtgtacacca 240
taacaagcgc gagaacatcc tcgacattgc taaagactat aagaatatct gtctgaccgc 300

tacgactcca acacataata cacactagcc agacgtcatc atgtattcca ccaaattgaca 360
ctcctgacca cgagaacttt gatggaaact attcgaaaca aaggtgcact ttcattcctgt 420
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<210> 6933
<211> 756
<212> DNA
<213> Aspergillus nidulans

<400> 6933

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atgatggaca cagtatcgga ttggtagca tgcatataga acattaatac agcaccgctc 120
tattttccaa cccggccatt cgctatatac tcttttagct gccaaaccag agccgagcga 180
cgcccaaagt catgcttgtt catcggcacg accacacttt cctctaaacc aaaacatcat 240
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acaaaccac taagggcctc ccctagcacg ccacctccaa accacacatc cctccaggca 360
cccttcgcga taccactccc tgcattctta acaatgccat ctttttgac cacaagaccc 420
tcaatttcgc ctcccgcgcc aggaaagtac ccacctgcgc ctttccccgc cgatcggtag 480
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gagtgaagct gggtaggac ctggaatcga ccttattagt tcagtttgac tttaatggca 660
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aggagggaga gtcactgttt tgttgaggc attttg 756

<210> 6934
<211> 447
<212> DNA
<213> Aspergillus nidulans

<400> 6934

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cagggggacg aggtgcggga aagtgcgct cacggtaact ttccaggctt ttatcagatt 180
gcaccacggg gattacgttg aggtggtgca gaaagatcca gaagacctcc ttggtgacgt 240
tggaatttc ctgcaccag acgcggtagg ggcgggattg gtagatattg gcgatgaatg 300
agagcggttg attttcttct ggggggtctc ggaggtatga gaggatacgg ttggtgcggg 360
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accgcgggtg gtgactcgct agggcct 447

<210> 6935
<211> 539
<212> DNA
<213> Aspergillus nidulans
<400> 6935

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tgtcggttgg tgagtcggtg aggggtgtgta tcgatgagtt ggatagatta attgttgac 180
tcggctgact ccatatggct tgggactgtg gcgattctat ttctcgtcggg agatgttcag 240
cagtcgtatc tgaggtaggg gaaagccgag cataaggctg gggtggaagg gcggctatat 300
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gagccggctg tgaccagtt actggcagag acaatccccg aaacttgccc cgactagcca 420
ctccaacgcc ccatgtcaat gttgtcttat accgcacac tcgaccccat tttccaggca 480
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<210> 6936
<211> 811
<212> DNA
<213> Aspergillus nidulans
<400> 6936

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gaggatcacg ctatcgcat aagggtcgcc agaggcaaca ctgtgggtga aggagagctg 180
cgagggcgca tagggcggtc ccgaacgttt gacgagactg cgccgcgtga ttttggcagt 240

gtctatgccg aggttgatgt gatccttggt gagagagggg ctgcggtagt tgaggttcac 300
agagtagctg gccagggagg gagctgccag cgagagaagg gaaagaagtc caagagctgt 360
tgtggtgacc attttcgctg tgagctgctg cagagctcaa tgccagaacc ttgactgcct 420
tgtctcgatt ttgatacttt cgatgagatc tggacactac actttgagcg ggctatttat 480
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ctatccgagt gctggaaata taacaccaat agcaaacgca ttctcagaca catggacagc 600
caggtaccg tattcttgcg ctggatcctg ctctggagga cccgcgagat ccgagatcca 660
gccatggtac attgcgatag acgagcaccg cggacagggc atgcatgtag ccgaagattg 720
gaagcgaggt tagattgaga gcgcggtcag cccagatgaa ttggagaaac gaagcacaag 780
cattaacatg acatcgacaa gttttttttc c 811

<210> 6937
<211> 539
<212> DNA
<213> Aspergillus nidulans

<400> 6937

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ggaaagcggc tggcatctgc gtaagctggc gagatcctag gattctttta gacgtcctca 180
ccattcctcc cgggtggcgtt gggatccgac tccaactcca gctccgactt tgagccctct 240
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aatgttggga cagagcccat tccgccaac ggcggtttt tttaccatt tccgaaccc 360
ctatttccat cctctcccg ctcggatccg tattccgaag gagccacttt catctcagga 420
ggtgtacatg catcaagaac gggataaaat aacacaagac cccaaaaagt gccgggtggg 480
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<210> 6938
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 6938

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agggttgctt cttgaagtcg gaggatctgt tgctcgaaaa ggcacaatat ccgtacgata 180
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acgaacgata tgcgtacatc tatcggctgt acgagcccggt agagctgtac aaccgcgctg 300
ccgatccgca tgagatgcac aaccttgccg cggagcctga ataccaggat ctgataaatc 360
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aggacaatag atcccgcaag taaacctcaa gagtccacag gaacaaatgg aggagagtct 480
ccgaacggct ggctagattc ggccatgagt aggttcaaca gagttcacga ccacgatatc 540
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gagta 605

<210> 6939
<211> 797
<212> DNA
<213> *Aspergillus nidulans*
<400> 6939

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tcagcgcatac aagcggggctc tgccagatag tactgctcaa aggatcaacc gaaatccttg 180
ttgctgtgcc tgagtaacaa acagtcccag tggttgcagg ccagataaac agaataaact 240
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agacatccca cgaagagccg aaggatgcga gggccacgag gccagagtaag ttgttgccat 600
cgcttaatct ggtggagctc gaggaaatgt cccaaagatc caaggctggg tttggatcgg 660
ctgatcaaag ccgtcattgg ccaagcatag tggatacgt aacaaatcga tctccgggct 720

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 cccaaaggga ccacagt 797

<210> 6940
 <211> 1640
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6940

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 ccaagcatcg caccgctcta gcagtcgata gtcaccacat ggctcgatgt tgggaactcg 180
 gatccggaga gattaattta attgactttg cagtagattt tgacagagat cgcgcaatct 240
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 ggttggttgc cttgctagac ctgttcgtcc ggattccgga gacttgtgga cagtgcgatt 540
 gtctcatcta ctccgtactc cgtcgactta gactctggac tactgtagac cctcagctca 600
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<210> 6941
 <211> 691
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6941

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 ggatgttggt attgtgccat ttttcgtctt gcgtgttgaa gaggttggac actcgttgac 180
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 gaatatatta cgcggatcat gtcgggtca gagatgctca acgcatttgg ccctatccgc 360
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<210> 6942
 <211> 745
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6942

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cgaatgctca gtcactgata aacgggtctag cgcagggtat ataaacatac ggccgttgtc 360

tcggtgccag cggcgatcat aagaaaacct tccctccca atcgctgggtc tgttttctct 420

gcttctggca atggtgcgtc gagaagcgca gcaaacagac tgggttgggt ctcggtgatg 480

cctctcttgg agtcttgctt agcctttcgt attcgggcag gcattctctc gtttgactcg 540

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gtacttgga ataacgtccc gctga 745

<210> 6943

<211> 493

<212> DNA

<213> *Aspergillus nidulans*

<400> 6943

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aggaaaggcc ttgccgtggt caattaagaa ctggaacctt tcccagcctc aaggttacgc 120

atgcgctaca taaaataaag aaagcaaatt aaacgaccga cgatgtgcta cagctgaaga 180

tgaagggctt cctcatctca agacggacct gctaattaac taggccaaaa tagataccag 240

cttgatcttg agcctgacac acattgcctg tttcttctt ataactgtgc tggtagaac 300

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caccagcat cttaacaca gaggaagat gcaagagcga gaggccgacc gagtaactac 420

gcatgtgtct atctaagcca tgactgagtg gaccagaat gacatgactc gctatagaaa 480

cagtgccaga tga 493

<210> 6944
 <211> 473
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6944

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 gaattcacca ttccaaaatc cagaaacgaa tcatttaaca tgtcatcatt atcgagactg 180
 ggtatctgtg ctttggaagc ggaaacagaa gcagactctt gcatcatgat atcggggtcg 240
 aggcaccccg acacaggtag agactgagga agcattgaga actcggttgg ttctaacgta 300
 tatggttcga tttcataacc ggggagctgg tgttggctct gaccagctgt gtatgaacct 360
 gtacctgcac ctgaagtttc ggcaggcgta gggggatacg caccattctc aagtcttgat 420
 tatatgtgtg ctctcgttgt caactcaaga ccgtagatcc aaagacatca cta 473

<210> 6945
 <211> 909
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 6945

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 accctatcca cgcccgaaac ctcatggtct atctcttccg taacggcgac tatgacgcgt 180
 tcatgaagtg gtggcgcacg ctacctctaa agaatagccc ccggacacgc gaagactatg 240
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 aggggactca gagtcttttt gcaaagctgt ggcgggcgtg cgagagagag ttgaataaat 480
 cggaggtagt atagtgaat tctcgtggcc gtagtgacca tctgttatac ccattattct 540
 ctaccattgt agctatatgt actctactgg atatcaatga attgcagcga gtttcacgtc 600
 ccgattggct tgtgctcagt ggaaactgtg cgatctatct cagctttcac tcaacctca 660

acccaccaga atacaataag aggagagcct ggcgaaacag gagtaggaga taacttatat 720
 cagccattgc aaattactgc ctatttgact ggacgtaggt gattgatgct gactgatcaa 780
 ccacgtgccg aggagcctcg gccagataa gacaaccagg tcggtcggcc tctccagccc 840
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<210> 6946
 <211> 569
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6946

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 catcttttgc cctcgcgcaa gaacatttcc cgccccgtcc ttggtccgat caaaccagcc 180
 gcgacgatct gccgcctcgg gacccacag gggatgatcc agaagcgctt gcacgtactc 240
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 gacgggaagt gtggatggcg gatttggcat cggttcgtga agaagccgga ggaccgagac 420
 tttgcgggtg gtctgtgaga gagagactgg gcctgcttgt tgagagccat cccagagtcg 480
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 gccacggagc ttgcttgaat acagaaggg 569

<210> 6947
 <211> 647
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6947

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 cattgatcgc atacgctcat tgcataatat aaatccatcg ttgactgtga actgcccgtc 180
 ctaacgatct agaatatgct gagcgtggat gcctccattg gagtctgacg ttaaaatccc 240

tgcaaacaca cttgcctggg atgaatgata aatgggtggat ggcatttcat tggagtgcgg 300
 gacacatcta agtgaggttg tgcactctat ttgattacta tctgtctaca atcgactgac 360
 cactctgcac ataaagttac tgatggttat tacctgaact taatatgaca tctagctcct 420
 actctgacgc catagtggca tcacacgtct ccttgaaagt ctcaatctga tgcactttct 480
 ttacaggttg gcaagcacat acaccacctt acgtgggtcta tgtcgatgat agctggccct 540
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<210> 6948
 <211> 1022
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6948

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 tcagtcaaag gtctagcaaa gaaacagtct attctaaaca atgcaaagaa ataacgccct 180
 gccttatcac atcacgccta actcaatgtc attgctctga tgaagatccg actgtcgtct 240
 cttccgtctt tgtctgttcc agaatatatt ccatgacagg aatgtcccag cacttaacgg 300
 tatgcataaa atacagaata accagaaacc tttggatatt cgtaccccgg atggcgcggt 360
 ttcgttatca aacttgaaca agtccattcc taaaaacgtc tgaatgcgcg attttgttag 420
 acaagagtca attgcggtag tgagggatgt ttcagacgta cactgacgaa gtcggcgggc 480
 aaatagagca ttgtgaggaa tgtgataact ctcatcgag cactgtcgtc ggcgctgtca 540
 cttgccagct ggagcattcg tttgtcaatc tttccagtcg aatttcggtt tcctagatcg 600
 accgccacct caagctagaa gggtcgactt ggtcagtcga tggtgaaatc agaagcctcg 660
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 acgctctgca agtgccttc cacaccttgc agataggatt ccagcaaatc gtccgtttgc 780
 tctcgatcat ggttgggacg gcgctgtgcg ttgacaaagg agtttatttc ctttagcctg 840
 gctagaatth ggtgtaccac tttcagtttc ggcttcagag gtagcaatth ctctcgctga 900
 cgtgatagtc tgacaagcca atcgagcgtt gtatggttct tctcatccgt gaacctcgcc 960

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gc 1022

<210> 6949
<211> 566
<212> DNA
<213> Aspergillus nidulans

<400> 6949

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agagcgctca acggatcctt tttgcctccc ttggtctcgt ggatcttcca gaagcgtgtg 180
cccgtatcaa ccgcgccag tgtcttatca gcatcgaaga aaagaacagt ctgcagctca 240
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tcatcatgac actggaagtc acgaatcaag ctcgctagct tgctcttcag attcgggtag 360
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tcttgccacc gacgcaaatg ttcaactcgc agattcgaac gcgccctttt ggtatcttcc 480
gcccgttgtt tcgccgtcac ttcaagagag agagttgacg tacaggatat gcgtataagt 540
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<210> 6950
<211> 551
<212> DNA
<213> Aspergillus nidulans

<400> 6950

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cagtgcgcgc atcgcccgcg ccccttctct ctogaactgc ccgactagtc tttcgcattc 180
tcgtttgagc ctttcttctc cattctttgc attccatagg atccattctt ccaccgtcat 240
cttcttttctt gggcttgtca gatccccctt caggttgtcc aatgcacctt ggagatcgac 300
attctccttg tcgctagcac cagccatcag gatttcatca atatcaatgg gaaccaggg 360
atgattgggtt cgaagtttgc ccgtagaagt atgatttcgc tttggggaag gagtactcgt 420

cgtcagagga aatcgaacag aggcattttt ggagggagac gacagcggcc ggtgcgctgg 480
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tccctagaag g 551

<210> 6951
<211> 581
<212> DNA
<213> Aspergillus nidulans

<400> 6951
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cagccatcag gggggaggct ttttatgaat gaactgtgga taccatctaa agtgtatact 120
ttatacaaaa agaatactct agcatgatgt atcaaccgtg gggaatatca tgcggtgtgc 180
agacaccaca cctgacgaga gaacgcagcg agccgctaga ccgaggccaa gatagaccag 240
gcgccataac ctgcgctgc gcatattatg gaagagtggg acccccgcgc ctgcccttaa 300
aatacattgc atgccattg ggcctagaag accatgtact acttccaact catgttcact 360
ggcttcacaa ctctgtgaag ggactcctta acagctgtca ctgtgacagt gtgacactaa 420
cacgttggca tgagaagact gtgttggatc acgcagttaa ccggtggggc aaaaaacact 480
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tggggaggat cccttcaca tctatggggg ccttcagcgt t 581

<210> 6952
<211> 633
<212> DNA
<213> Aspergillus nidulans

<400> 6952
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cacggcatag aaacgttcct acccccaca tggtgcggg gaggagctgc aggagtgtcg 180
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agcccagaac gacccccaac tcgctgacag ggctgggata tctgcacgaa gtcaagcaga 300
agccttcaga atgagccatt ggcggaaca ctttttcgag tggatcagac caggcgggaa 360

caactctatc gtgacaccgg gtcccatgcc acatatgacc cggctgggat acagaccctc 420
aagactaccg gcggaacaacc cctgtcccag taacaaccga tttacacaaa tggtcctagc 480
cgcaccgate aaatttttct gacccatcat tccttgggac cggctgaaaa tttccgcctt 540
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ggtcacaaag tgcaatcgct catccacccc ttg 633

<210> 6953
<211> 836
<212> DNA
<213> Aspergillus nidulans

<400> 6953

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gaacagaagg attttttgaa gcagactggc gtccagccgc aaaatgctga acttcccgcc 180
tccggtatta cgggcgatac cgctatgagc ccggctgccg gcacccctcaa gcaggctacg 240
atcatggacc aaggaacacg accgatctat cttgatgcgc aagctaccac cccgaccgac 300
ccccgcgttc tcgacgctat gcttcgctac ctacccgcta tctacggcaa cccgcattca 360
cggacgcacg catacggatg ggagtctgaa aaggccgtgg agcaggcccg tggatatgtt 420
gcgaacttga ttggggctga tgcgaaggaa atcatcttca cgagtgggtgc gaccgagagc 480
aacaacatga gtatcaaggg tgtggcgccg ttctttggcc gatccggaaa gaagaagcat 540
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attggccgtg ttcaaccgct agaggagaat cgaaagcttt gccgctccag gaagatcttc 780
tttcacaccg atgccgctca ggccgtgggc aagatccgat cgatgttaca agataa 836

<210> 6954
<211> 799
<212> DNA
<213> Aspergillus nidulans

<400> 6954

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 acgaccaccc cagggacaat tcaagtcgca tctctgcaat atgaaacggg ggtgggtggt 180
 cgccagggtt gatgactgtc cacttctccc aactgacgaa ggagtatatt gcgaatgtgg 240
 aatggcgga gaaggggtgtg gaaggcgtag gacgcgatgg tcagaaagt ccttacagtc 300
 ctatgtacga cgcaaagaca aggataagtt ggtactgtcc aacattgatt caattcggtc 360
 ccagctccac aaccgtactg tacatctggt gcaaggtata ttcaacgagt acgtcagaat 420
 cagaagagat tcttcatttg ctttcttata acttgaactt atcctgactt tcattctgag 480
 ctgcgataa gcgcaagccc ctatacttta ccagtccact aaaatttatt ttaccagcac 540
 aggaaccata taatcacaca agtattacaa tcgtattctt tccggctgtc gtcacaggac 600
 aaaagattaa gcatgtcagg aaatagcctg gaagtcggcg cgtccaaacg aggaaaagta 660
 gagcttccat gtcttctgga tatttgacta ccggtttata gtggctacct atatttatat 720
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 aacaaaagtc caggggttc 799

<210> 6955
 <211> 850
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6955

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 ctcatgtca ggtgcaaagc gtatctctag tatcgccggg attctcggtc tcatcaagtt 180
 gaagcttggg aagtcaaact tccggactca ttactcccag ttgtcgtcta tactcatatt 240
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<210> 6956
<211> 552
<212> DNA
<213> *Aspergillus nidulans*

<400> 6956
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ctcagagaca ccgatgctct ggaagatcgt cgggctgtag tagttaattg cgttaatgcc 180
cgatccgttt tgccagaaga agagcatgca tccgaggaag aggcgggtaca agatcgcttt 240
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agtggctaga tt 552

<210> 6957
<211> 751
<212> DNA
<213> *Aspergillus nidulans*

<400> 6957
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acggacccaaa ggaacgcatt ctgtctggat gctatggagc ggctggatga ttctgaaaat 180

gcatccagct gcacagtttg agactttctct aacgactcgt atatctcact tgggagacag 240
 agagtcaatc gagttgccgg tcaaaggtaa gggttggtgaa gaaaagagaa ggaataaagt 300
 aacggttgta caccagagta aatgcaagag tagtcaacgc ttaggtggcc tgttatataa 360
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 gcaagggggc acgccatttg gcaaccgtcg ggggagtgat acgcgcctct tcacatcctt 540
 gatttctagg gcaatccccg tttcttctcg accgcgtgag gctagctttc acaatttcaa 600
 tgttatgagt tgtgtacact aatatgtagg tatctgcttc attttgtttt tccagatatg 660
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 caacaacctc ttgctttgct ttgataagac g 751

<210> 6958
 <211> 1389
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6958

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 cgatgaaaaa gtccttaatg cgtgacttgc aaaaccgctg cgagcgagtg gttgagctag 180
 agatctcgct cgacgacgcc cgagagcagt acaataacgt gctccgctca tcgaacaacc 240
 gggcccaaca gaagaagatg gcgttcttgg aacgcacctt tgaacaactc acccacgttc 300
 agcgacagct tgtggagcag aatagcagcc taaagaaaga ggtcgccatc gcagagcgca 360
 actcatcgcc cggaacgagc ggatatcaag cttggaagcc ctctccagg agagccaaga 420
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 tgcattcatt 1389

<210> 6959
 <211> 1501
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6959

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 ggacaaaaat ttcttagcca aagaatgact aaggcaagaa cccaaacatt gtacttacgg 180
 atattgaaat atgtcatttg aacgtactac aaacctcaa cctgttcatg aggccattta 240
 gacaacttaa attcagttgc agggtcagcg gacggacaaa agctcccgac agccgagtgc 300
 caaaacgatt gctcgacaaa agtacggtgc aggcacagcc ttgggctatt tttgtgtctc 360
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ggaacttcga ccgacccttg ggacttggcg ctgtttactc tatctcgtct atccgcacga 720
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 cttctgcgag gagccctgaa gcncatatta agattgnncc cctccaccg ccgataaggg 1260
 ntccnaatt ctgtctaatt ggcaaccccg gacctttgaa gtgtccaatt gaccggcgca 1320
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 tttttcaacg ctttaaggca catatttttc acaagcgtaa aattcttttag ctacacaaat 1440
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 t 1501

<210> 6960
 <211> 525
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6960

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 aaaagagcag caaaaatgtg aaggaaaact aaacattctg cctagcttct aaacatagcc 180
 taacttctaa atgctgccat taatatgtaa agagtggaag taacacatta attaaatatg 240
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 cattgaaaat gacactatca attgacagtg tcagttgata tgacactgtc atatcaacca 360
 agatgaaaag aatcaggatt tagagatctt agaaacatgg gcaagacatt tcaattcaca 420
 aatgcagcac atcagtaaga cagtgactat taaaacacaa aataagcaca caaacaatat 480

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525

<210> 6961
<211> 879
<212> DNA
<213> Aspergillus nidulans

<400> 6961

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agaagctcgt cgctcaacgc accaagcggg agatcgcgcg tctcaggcga agctaactcg 180
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cattcgctgg cctccagtat taacctcgca acacccact taaaatatcg catggtctta 420
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tccgaaaacg ggtcgacgca gacgttctgc aggctccagc tctggcggtc aggtctcgca 600
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ggttgagcaa tgccgccgtg cttagaatga gcggatctat gggtaggtaa gagttgacct 720
attgagaaga aaaatgcca tgggtctaact cgacgggtcag tcaaggggtga catggagagg 780
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gtttgacgaa gatagcccga agttatattt caacgggag 879

<210> 6962
<211> 471
<212> DNA
<213> Aspergillus nidulans

<400> 6962

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tgggttcctt gaccctgggc atgggggtga gaggccgtgc cagaagcaga ggggttgcca 180

gtattaagaa aaacgggacg ggactgggta ccctgaccct gggcacagga atggtaggcc 240
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<210> 6963
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6963

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 taatatcatc agcaagtaat cagcacttta gctgtcaatg tgacttacat atatacctat 180
 gtggatagat agacgcagtt gtgagcaaac gggagtgttg agtatcattt atttctatct 240
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 tagcacgagt gctgagcctg aattctgggc ccaccatagc cggccatcaa gctcgtggat 480
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 aacaaacccc ttatctgccg cagct 565

<210> 6964
 <211> 494
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6964

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 gtactgtagt cgtatgctat caggaaatag atagctgtgt tcaagctcct aacatcacga 180
 cggggaaaac ttcaagtcaa tgattcgatc aaagaatcat cagtacagcc cgaagtaata 240

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 aaactcccga gatcaggaca gcacttaggt cagcaatgga catctaaacc aaccaaaggt 420
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<210> 6965
 <211> 763
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6965

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 caaaacgctt ctaatgagga tcgaaatgca ccccggttgg tcaacccgc atctaataat 180
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 aataaactcc ccagcccagt ctctcaagg gaacagccta ggaattcaac ctattctcca 300
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 gattcactcg caccgatgat gccagaacat cttgtgatgc aacgcaggat ctaaccacaa 660
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<210> 6966
 <211> 644
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 6966

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<210> 6967
<211> 1028
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6967

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cgggtcgcgc caggcgcgc cgtgaatgag tctaaaacaa aatcagtaca tatccgtaga 180
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cgcaacgcta tactttcccg gtgcaatggc aattggaaaa tttctaggta cttcatttgc 780
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tatattgtgc acagtataat cagctgatag tgtcaatcaa gtaccgacta tgctgatatt 960
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cgaggcat 1028

<210> 6968
<211> 511
<212> DNA
<213> Aspergillus nidulans

<400> 6968

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gacgaaagaa ggcaagatg ccgaaggggg aggaggggca tcaagatgga aacaaaagag 480
tgggggatca agggcctgag caataataga g 511

<210> 6969
<211> 592
<212> DNA
<213> Aspergillus nidulans

<400> 6969

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tcatacttaa ccaaccaggg actgagctcc gtacaactga atgggtcccc tgtgtcagtc 180
tcaaccccag gccgagctag agctcctgtg catatgccgc agtgggcatc catggctccg 240

ctccgtgttt gatatacata catacatatc cccctcctt cegttcctac cgttcctagt 300
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tcctatgacc tactatcctc aacctgaagc ctttgcgggc tgcgaatggc cactgaacaa 480
ccagtcaacg gcccttcagc aattcctcta tgctttccct aagcctagac tgagcgggcg 540
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<210> 6970
<211> 666
<212> DNA
<213> Aspergillus nidulans

<400> 6970

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gaaccatcat ctcttgatct gctggtagag atctcagctg agaacacaag gtcctcataa 180
ccctgctcc acaggcaacg gcgccgagcc tgctaaccag cctgatgtat aggaagacct 240
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gaccaactg atgagaataa atgtgatacc tgtttctttg cacatgatac gtagattctc 600
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tgtggg 666

<210> 6971
<211> 579
<212> DNA
<213> Aspergillus nidulans

<400> 6971

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 cgaagatggt cggcctgggg caggacacag tgttgcccat tctgaggcag cgcattggtt 480
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<210> 6972
 <211> 709
 <212> DNA
 <213> Aspergillus nidulans

<400> 6972

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 gacgcttgcg ctcagctgca attactcggc ctcgctggcc tggtaagcat ttaacgttca 180
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 tggcctgoga ttcttggttt ggtcataaac tctggatacg cagtcggaag ggacccaaag 660
 ctcttggaac tcagtcaacg ccttatgcag gcactaaacg ggcttattg 709

<210> 6973
 <211> 598

<212> DNA
 <213> Aspergillus nidulans
 <400> 6973

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ccgcctgaat gacctgcaca ggtgactgac tgccactatc ggcaacagaa actgcaccct  180
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tatttctctg tccaagcaat gaacagtgcc ttttttacgg aacattccta gtgcctcatg  540
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<210> 6974
 <211> 572
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6974

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<210> 6975
 <211> 1073
 <212> DNA
 <213> Aspergillus nidulans

<400> 6975

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<210> 6976
 <211> 839
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 6976

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<210> 6977
 <211> 646
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 6977

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646

<210> 6978
<211> 533
<212> DNA
<213> Aspergillus nidulans

<400> 6978

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<210> 6979
<211> 306
<212> DNA
<213> Aspergillus nidulans

<400> 6979

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cacgatggac ctcccatagc acaaccatgc tgggatgggt gagacactcc acaaaccgcc 240
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gaccct 306

<210> 6980
<211> 721
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6980

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<210> 6981
<211> 553
<212> DNA
<213> *Aspergillus nidulans*

<400> 6981

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<210> 6982
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 6982

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<210> 6983
<211> 536
<212> DNA
<213> Aspergillus nidulans

<400> 6983

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 aagccacact agacaaaatc agggaagcca atttgccgct gaccccagac catcccagac 180
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<210> 6984
 <211> 574
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 6985
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6985
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<210> 6986
 <211> 610
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 6986

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<210> 6987
 <211> 725
 <212> DNA

<213> Aspergillus nidulans

<400> 6987

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agaatggcat ttggagtaca gtggatgcag accgtaactt agggctgaac tcgaagaagt 180
gattgactcg caaacagcct ggattcggct actgcttttt ctgaaaatta tgtttttcct 240
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cgtttgcagt agcagttgct tatatcacag gctggcgcaac aggcggcaac taaaatggta 660
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<210> 6988

<211> 825

<212> DNA

<213> Aspergillus nidulans

<400> 6988

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<210> 6989
<211> 1177
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 6989

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<210> 6990
 <211> 915
 <212> DNA
 <213> Aspergillus nidulans

<400> 6990

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<210> 6991
 <211> 636
 <212> DNA
 <213> Aspergillus nidulans

<400> 6991

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<210> 6992
 <211> 906
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 6992

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<210> 6993
 <211> 696
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6993

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<210> 6994
 <211> 495
 <212> DNA
 <213> Aspergillus nidulans
 <400> 6994

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aactctacca tacttaatga cagcgaaccg cgtgccacc tcaccattcg gaccgtcacc 180
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<210> 6995
 <211> 781
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 6995

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<210> 6996
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<212> DNA
<213> Aspergillus nidulans

<400> 6996

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<210> 6997
<211> 670
<212> DNA
<213> Aspergillus nidulans

<400> 6997

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<210> 6998
<211> 600
<212> DNA
<213> Aspergillus nidulans

<400> 6998

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<210> 6999
 <211> 1114
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7000
 <211> 819
 <212> DNA
 <213> Aspergillus nidulans

<400> 7000

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<210> 7001
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 7001

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gacgattttg aatccagtca ttattcaact gctcttccgc ctgcgagcgg atgttgtagt 180
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<210> 7002

<211> 612

<212> DNA

<213> *Aspergillus nidulans*

<400> 7002

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aacgtgatgg cctgacagga tgcccttaaa ggagtgtggc cggctacca tactgatttt 180
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tctggtcgat ct 612

<210> 7003

<211> 524

<212> DNA
<213> Aspergillus nidulans

<400> 7003

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<210> 7004
<211> 754
<212> DNA
<213> Aspergillus nidulans

<400> 7004

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acacaccgag tgagcactga tctcgtcctc tagcaattgc gtcgtcacgg tcgccagtca 660
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754

<210> 7005
<211> 519
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7005

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gcggggctac ttttgggtca ctgtaatatg gaatagagaa cgaatttata atacacttaa 180
cagaggtaca aattggacgg gcaaagtctg gtcgccagcg atccgttgta atctccagac 240
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acttgggaaa aaatcagacg tggccaacag aaaggcttgg ctaggataca ttagctatgg 480
aatcatagaa taagacgtgc aggtctattc tgtcggttt 519

<210> 7006
<211> 455
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7006

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<210> 7007
 <211> 627
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 7007

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tctggaataa tgcacattgc tccaggc 627
  
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<210> 7008
 <211> 797
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7008

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<210> 7009
 <211> 513
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7010
 <211> 927
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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tcggtttgca tatacgtttc atgtcatcga gggcgccgag ggatgggagt atgatagtag 240
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 tatcatgcat tagtgctata caatcgagggt ctttttccca aacaacctaa aactccaggc 420
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<210> 7011
 <211> 614
 <212> DNA
 <213> *Aspergillus nidulans*

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614

<210> 7012
<211> 581
<212> DNA
<213> Aspergillus nidulans

<400> 7012

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<210> 7013
<211> 265
<212> DNA
<213> Aspergillus nidulans

<400> 7013

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cggcctatca gctctatcac aggcacaact cctttctacc accttctagt tetaccctcc 180
cctacaagcg acataaacc atccgaaatt cgcaaaacat tgacctcttc agctgacttg 240
tacgcagcca acgacgtcac aatac 265

<210> 7014
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 7014

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<210> 7015

<211> 763

<212> DNA

<213> *Aspergillus nidulans*

<400> 7015

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763

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7016

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<210> 7017
<211> 480
<212> DNA
<213> *Aspergillus nidulans*

<400> 7017

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gccagatcga tctgtccgac tacatgcagg atgaatacaa gcgcgtcctt ttcatatcca 180

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caatccataa ctttctcgca aggaccgcta tggcgctcca tatgcagact caataccatc 360
caaatcgagg aacaacatac tgtcatgtga gacctgacct gctgaacaca ccggttgaga 420
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<210> 7018
<211> 404
<212> DNA
<213> Aspergillus nidulans

<400> 7018

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ttgtggtaag ccaaagagtc gacattgact gggatgcatg catatcgttg cgcggaatgg 180
gcgactctgt tgacggaagt atccggggct aggacgaatg cgagaagctt ggattacttt 240
caactgacca ggcttgagac aaatagatca cctggatgct gcaccgtaga ctgggctaca 300
cctgatggca agagctagcg caccgacgtg atgtagatgc cgtgctatgc ataatgcact 360
atatgacctg tactacgaca cacagcacgg atccccctct agct 404

<210> 7019
<211> 331
<212> DNA
<213> Aspergillus nidulans

<400> 7019

gggtgaggac cagacggacg aaggggtgga tgtactgcca ccgatgggaa agctaaatgc 60
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gcccgcgaca ccaacgggga ggacccatcc actggcgatg caccagccat ggggtgcagtg 180
tgcacttatt acaaggacga actgtggggg cattgcaccc actgccatga ggggagcaaa 240
aggaccctgt agatgatgca caacgtgaag agcggccagg cttgcatgca cgagatccct 300
atgcttcagg cactgaccaa atcagatgca g 331

<210> 7020
 <211> 612
 <212> DNA
 <213> Aspergillus nidulans

<400> 7020

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gcatgacgt actgcacggc acggattgac aggccaacag ggttgaggaa cccactgcaa 180
tcatttaaaa acgggtaccc tgaataacac tcaccagagc ccgcttgac tcgaattgac 240
cagaacacga gcgcaatatg aggtggaaat tgaagctcac cattcaagac cactgatcat 300
gatagtcaac aagacctact cgaacagcgt tgacggcggg gaatcaaccc cggccgacag 360
tctaaccag cttccccgga cattttgtcg aaagcaagac ataggccttc ttctacggga 420
aaagacgact gtcatcccaa gccctagcct ccatcgaga gggccgtctg aaaagggcgc 480
aatgctaaag gagctcgtgg aacacaggac gaagccattg ggtggatact ttggtccgcc 540
tatgagcaaa aaaacctttg gggaacgtca gcgttactca ctaaacattg attttaaaag 600
aaaaaacagg ga 612
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<210> 7021
 <211> 394
 <212> DNA
 <213> Aspergillus nidulans

<400> 7021

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aattcttaaa gatgatttct atatatatta ggcaagctat taatacttat gaaaactaaa 180
aaagagttat cttctgtaaa aaacatataa atttattgaa taactaataa ctaaaaatat 240
ttttattgta tatactaaga tctgacggag tactgtaaca agtggcgggt tagcagtgac 300
gcaccgtttg ggggtccgac gaacgcatgt agtaattacc acataccaaa cattttttct 360
aacggctgac aaacttacgt actaagaaat atat 394
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<210> 7022
 <211> 689

<212> DNA
 <213> Aspergillus nidulans

<400> 7022

acgcgagggc catggggggg tttttttaa agaactgggg ctagcacaaa ggcataaagt 60
 ctatgcttat gcattatgtg agattgattc catatcttac tagatttagg atcggacact 120
 agactaactg catttaccgg aaacagatcg aagagggcca gggcgtttag caggtccttg 180
 actaagagga ggagatttct atgcttgaat ttgctaaatt tgaggagaag ctctgacaac 240
 aaaaagggtg ccaggcgacc gctccctctt ctctagattc ggcgccctag aggagacctc 300
 gtatttgact ttgtagataa taaaacgact agtaccaatt ctgtacaata tattacattg 360
 ggggtcaaagc ctggccacac ttgtgacgcg ttgaagaacc aatataaata catccagcac 420
 tacaccacta ccaagatgag agctttctgt actctctgcc tagttcatgc atattattga 480
 atgatagata aaacttgtaa ataatacaata attttgaaac tgaactgtag attcaaattt 540
 tccaggaaac aacccttcac agtgaagcag ttggaattat ttgaggggtcc aagggttaaca 600
 cataatggtc acggaaggaa gaactctcaa gctttactaa ctctgggcag cccctcgtaa 660
 gctcgacagt caattgcatc aacaggaag 689

<210> 7023
 <211> 386
 <212> DNA
 <213> Aspergillus nidulans

<400> 7023

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 ctgttaatga ccacattact ttagtcaaaa ctaccttgac acccctgcct cttagcaaac 120
 gtgtagtggtg atacatagtg ctactacagg agacttcacg agatagagca cctgggttga 180
 gcccatgctt tttagttggc gtcgtgttat gtggataagg acggcgctta cgtggtggca 240
 aataacagtg acatgctggt atgcaccagt ggtgacccga acttaaatga agaaccagcc 300
 tgggtcccttg atgccagcgc gatctcattt gacattacgt gtgaagaaag gtactgggta 360
 gcagtttacg gagtggtgac tgcgct 386

<210> 7024
 <211> 474

<212> DNA
 <213> Aspergillus nidulans

<400> 7024

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tggtgcgcgc ctcaattcca ttggcgcac acgcagaaca tcatgagcgc tccgtgaatc 180
cctcaaccgc gcatgcccac tgctactccg ggcgaggact acatgtggac ggtgaagggtg 240
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gagatcctag cctatggcct gcgaaacaga cctgcatcct tggcttgcat gcaggcacgc 360
acaaaagacc agcctatact tgggtgtgcac gacgcacaga gctcaggatg ccacttacca 420
tgtgctgtta caataacatg acatgacctc gattactgac acagagaccg gcta 474
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<210> 7025
 <211> 515
 <212> DNA
 <213> Aspergillus nidulans

<400> 7025

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gagacggaga atgaggtcaa tggtcagggc ggtaggggtg gggacaaggt ggacaactag 240
gtataggata ggatagagga taggggtcgaa gacatagctg tcaatacggc cgaagatcgg 300
ctgggcgaga cacataacga gcagcacaat atggctgtag aggcattgcaa ttcaacagat 360
caccgaggca atcctgggtg ctgacgaggg gacaactgag gaggggaatgg accatggaga 420
atccccggccc gctatcaagg acaatatggt cccagaggat gacctagagt gaactgtcca 480
tcatggcctg actggttcga ggtaaaccgcc tgcaa 515
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<210> 7026
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 7026

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 tcttgtgggc aatcttcgtc gggttgggct catttcggat ccaccttct caaggctaac 120
 cagatggctc gcaccggctt acgttctacc caccatgctc gtgcctgatt taccgagcat 180
 tctatggggc gacgccatcg gatccgtcct tggggaccga ttgcaatgct acggcttcga 240
 ggccatgctg cccgaccctt acgctggctg cacactctga ttggatatag agatcccacg 300
 ctacaattct tgactctgtt accgctcgac catacactac tcataccgtc tagaccacct 360
 gtcaccacca gacgaccga aagctgccac cacgaaacac atctggatc agacgcctgc 420
 ttaatccaca cgccgtact gttecgacac atttgaatac ctccggacca gcctaactac 480
 gcataaacgt atgctatgtg atatgcggat ctcacacgcg cctcttagat gcctgtatac 540
 cggcaatgtg tc 552

<210> 7027
 <211> 652
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7027
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 agaaagggtt gtgggagggg gctgttgagc tgtttcgttc gtagttagct aggctagttc 180
 tttcattttg ttgtgaagaa ggccacttac gaagtgaact gcatcatcat gatctcaaaa 240
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 aacttgcgta ctttgagcgc ttttggacca gaaacggagt ctgctgcctc tgtcgcgatt 420
 ggctgaagtg atgctcgctc aatgccccctt gttatgctcg ctatgggaga ctcggggctg 480
 gcgtagaacg cttcgagatt agccggaagt cgcttcgaag ggaaggaggt atctgatagg 540
 gccgggagtc ccattgcttt cgcgtcatcc gtcccgaact cagccacctc tctggcgctg 600
 aggcccaggg caataaggac cgctgaccgc tgcgcttgag ataggtcggc gt 652

<210> 7028
 <211> 989

<212> DNA
 <213> Aspergillus nidulans
 <400> 7028

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atgatgttgt ctgaccagcc aattttatga ttattttatc gttattattg atattattgt 60
gcatgtcggc acgtagtacg acatacctcc ggttcagca ctaatgcttg attgtccaaa 120
ccttgccaag ctcttggaata ggtcgaataa tccctcttta gaaggatcag gaatccgcta 180
gggaagtata aacgaaccag acaaagtgt tttccctcag ctgacgaggg acgaggacaa 240
actcccttat ccatcttcaa gtggagcgac aggggagctc aaatcgcttt ctggagtc 300
cggccaaatg actcgcatga gcaaagcagc ttttcagcct atcatgtgct cgcccaactg 360
cgaaactcca attgggtatc ggtcaactgt tgctgcggtt gtcacactgt gttcagaccg 420
atztatgcat aatgtgtagt ggtgcatcag gcgtcttgca ctctgtacgg actgctccgt 480
attgaaagca gtatcgcat acttggaagg cagccctgtt cggtaagggt ggcgatttcg 540
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cccctttgct gtcatatcta ttgacattgt tttattctca tcacagcttt tggcgggtga 720
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accttcaga aagcccgggt ggtagttcta tgaattcaag aatatctcta cttatcctgg 960
ggtaagccca agtcccacta gaattcaac 989

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<210> 7029
 <211> 616
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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cacgtcgctt gtcgaacgg agacagcgga acaggggagg ggaagggccc aaaagagcgg 120
caagaccgcc cgcacgggag aaggccgagg ccccggnacg cagcgacacc acagcgcccc 180

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ggaganncn naaagaccgc cccgncncga ggggcncaac aaannngaaa aacagcgnga 240
 cncggacnc cgnacaagga accgaagaga accnggnccc aaaaaanncc gggggaaacn 300
 gngcgccccg ccagaccgc agggcgcccc caagccagac cgcgacacgc agacaccgcc 360
 cacaaccaca ccaccagacc caccaccaa gcacaacaaa caacgcacaa cagagcgca 420
 cccaccacg cccgaacnga cccacgacc aacccccaa agacaacaga cagcgcacag 480
 cacagccgaa gacgcgcgcg aaaacggccc accggacacc caacggacag caacaacaac 540
 aaccagagac caacacccca angacaacc aacccaccc acaacganaa acccagacca 600
 caaccaacca agagac 616

<210> 7030
 <211> 227
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7030
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 acatcggaat cactggagct gcttgcctca caaaatctga cagcatgggt gattgacgct 120
 atccgtcacg caataagcgg taccaggagc gggaattatc tttggctgaa ttatcctggt 180
 gggcggtctg caatcaggcg gtggatgcac tacctgaggc tgtatcg 227

<210> 7031
 <211> 579
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7031
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 ctggttggaa gccattagat agagatgcaa tcacacctga aagtataatt gttaaagtgcg 180
 aatatattat tcggccgtat aagggtcgcc ccttacctc aaagtgtgcc tccaaaaatg 240
 aacttactga ctttgggttg ctgctttcat agctttacat taaggaacac gtatggtaag 300
 ttccagttcg catgcctctc ctgtgtacgc gactaatata gatccagggt gtcagcattt 360
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gacgcggtcc acacacattc cccgctgtgc ggcgcaagca tgaatactgc tgtgcagtat 480
 gtagttttgc tgaatatgca atgaatcaac cactgacagg ctacatagag acgcatacaa 540
 tctggggtgg aagctcgctg gcgtacttaa acaccagct 579

<210> 7032
 <211> 646
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7032

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 cacagtaaga agaacgaaaa taaagaggcg atgtcgact gcccttcag caagcaaggg 180
 atgcagactg cggttgggct tggattaggg ttacggtatc tgctcgaacg gctcttgccg 240
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 atcgtatact atatcaatag cacttttagat agcaagtacc agaaaaagcg ttatcagagc 360
 tgatatggta agacggcccg gagctcatgg ctggaccag cctcaggata cgacggctag 420
 gacttcagac gtggccttcc ctctaacgaa attagggaga aactgcatag aagactgacc 480
 agaagtcacg aaaatagcat agatcgaaat aaaattgaat tgtagaaagg attggataag 540
 gaccaactag tagtccctgt ccttactgct catgcccgta ccgtatgatg tacactaggt 600
 tggattgtga aacaagggca ttatctgctc attaagacga gcatat 646

<210> 7033
 <211> 520
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7033

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 acaaactgga tgaggatctg actcatgtcg agaagattgt ggcccgagtt gcgcggcggg 180
 aggctgactt agagacggac tacaatgatc tggcgacgca gtttcgtaag cttgtccac 240
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ggggaatcaa aaacctcaag gatcacacgg atcagaacta cctgggctcg ctttgcgaca 360
tggaagccta catattgtcc ggtcaagtca cttttaaaaga cccgcgagca aaagcagctc 420
gactttgaag cgcctgtcga ctaccgcaac atagcgggtgg cggagcggga cttcctcgcc 480
ggaattcaac ttatactatg gcctcaaccc gtgacttatt 520

<210> 7034
<211> 1021
<212> DNA
<213> *Aspergillus nidulans*

<400> 7034

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ccagacgaca ttcccgttcg tgtatacatg tcagtagtcg gtgcagcctt ctaatctcgc 600
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caciaacacc acttgggcaa cggagcagcg cgtgctatac gaccaacacc tcccagcgt 720
atggactctc actagggcac ttgcccccaa attcggttc ctatcgtagc aggacgcgac 780
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g 1021

<210> 7035

<211> 764
 <212> DNA
 <213> Aspergillus nidulans

<400> 7035

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atttaaagaa ccggctatat atctgccttt gttagagtgc gccgtgcgg ccagagagct 660
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<210> 7036
 <211> 1105
 <212> DNA
 <213> Aspergillus nidulans

<400> 7036

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gcgggatgcg ttgaatatga aatatgacca cgactctcgc cagctggaaa gactgcagcg 480
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cggcctccga ctcggccgcc tggcaaacc ttcggtcgaa tggcctgaga taaacgctgc 600
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cggtttgaag ttgccatact ctatcaaacg agataagatt ggcgatgcc a ggattaagct 1020
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ggaattcttg tctgcccattg ctage 1105

<210> 7037
<211> 407
<212> DNA
<213> *Aspergillus nidulans*

<400> 7037

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gcaacgtgct tgccgccacc tgtccagggt agagcttaca gagactattc tcctacggaa 180
agcttgagct gatccacgct cttttactcc cgaggaggat aagtctactc tgagcgcact 240
ggcgtcgatc gtatataaaa gccctcgaca caagggcccc agaccctacc aacttctaca 300
gcgagatgct tacctaaagt cttgttgcac acagtataca cgaaaccgag aagtcacacg 360
tgagctcaca atcgctaggc aacgcctttt atggaacggt cccttta 407

<210> 7038
<211> 1373
<212> DNA
<213> *Aspergillus nidulans*

<400> 7038

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 aggaatcgat ggctgcttgc cttcaccctt ggggcaggat ggggccgagt tccgcgtgca 180
 gggcctgact ctgaaatccc caatggaact gcggccgagc gacaagtctc tgtctgttga 240
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 aagttgtaca aatcattgct ctatgttagc gttggcggac atccatatct acgtatatac 540
 atccgtcgag tttttatact tttaacgtaa acctaggctt tccactcaat cctcattgtt 600
 atatttacgc catcactaaa ttaaacgaca ctcgctcccta ttctccttgg tcatagtttc 660
 gctaaactaa gaatgtgcgt ttatacatca aatcgccgcc tgtggcagta tgatatccga 720
 agtacattac gtgaaaggca acaagactcg gttcgagtat caaaaaatta ttccggccgt 780
 catatctgat attttgctta gctgggtctag gtcatcaaat tgtataaacg ggtagaatgc 840
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<210> 7039
 <211> 687
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7039

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tcgacgacat gaatgaacac ctaacgagaa ctgcagatga ttattaagac ctggccatat 180
ttcgatatac cccacgaaac tctcagtgat gcccgcctc gatcttgccg aggcctttaga 240
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aatgacattc tttgtagagg taaaagata attggcgaaa tcatgccatc gcagtctgga 360
cacagggttt acaagaaaat cctctttgct gcgtagtccc ctgtaccgct atcctctcta 420
taagcgaaaa tggattattc ggtgctcatt cagttttcga ggactgactt tgaaacgtgg 480
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tggtaaagca acagagccca aaaactcgga tagtctcaat gcgtatatattt attcaaaaac 600
atggctagat gcacctacag tcaaagaact agctatttta actcgctcat gccctattat 660
cccgagggtgg ttaggtatcc tcacata 687

<210> 7040
<211> 826
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7040

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tgatcatgat gagacacttc aggacaggga cggacgcctt ctaagacgat cattgatgac 180
ctgctgcgag ccaactcttc gtcttcaaca gaagaggctg ggccacggat tgcaatgatg 240
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acggcattct tcgcataggg ctgatggtga caaagcccg tttcctcggt ctctggtgtct 600
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gctccttcag acccatgtct ggagaaataa gacatagctt ctggaaggaa ggtgctgggt 720
gtaattcgca aaagagagct tgtcgcgatg aggtctagaa tagaagccga gagaaacctt 780
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<210> 7041
<211> 460
<212> DNA
<213> Aspergillus nidulans

<400> 7041

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gggcctatgc agcatgctgc tggactggaa gtagacacgc tcgccccttg acgatagtag 240
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gtctactgca tgcttggagc atgcgactag gcgaacctca gcgcgacctg aacgactttg 420
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<210> 7042
<211> 926
<212> DNA
<213> Aspergillus nidulans

<400> 7042

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taccaagcca ccacgcaaaa tatcacagct ggatgcaggt acaggtctca ctgcgccgtg 180
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ctcacatttt gcagaacctc atccacaaga atcctcgcgc acgaatcctg gagataggtg 480

caggcactgg cagcttcaca cgatatgccc tgccgaagat cggtagcgta gctactggag 540
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ggggccacct gcttcttgtc gagactactc atgatcagct ggacacagaa ttcgcctttg 840
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gcggaccctt ttggaaaaaa ctctta 926

<210> 7043
<211> 539
<212> DNA
<213> *Aspergillus nidulans*

<400> 7043

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gcactttact gatcaggatc ccagcgcact gggaccaagt cgcttgcgag ggtctcgtcg 180
cgtatcttgc aacatcgggc tgggtgacca gaatcggaca gagcgcgccc atgacgctgt 240
taatcgccctg aatcataggc cagacgagtg ctgagccatg aagagtcacc tgagtgtcga 300
atgcaaaatc tcctagactg ccgcggttca tgtgcacagc ccatcccaag acgccgagta 360
aagcgacagt cgtgtagacy gccttgataa cgaataaatg ccgcaaaaaca gttgggtgca 420
gaaacatgac cccaaactgg aggatccaga agataaagaa agccagcagg tcgcgactgg 480
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<210> 7044
<211> 780
<212> DNA
<213> *Aspergillus nidulans*

<400> 7044

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cttcttagat tcggtggagt tacgagcagg ctttgagcag ccactatttc ctcaaatcaa 180
 agctacgatg ctgcgccctt cacttgtggc tcggcgcttg ggaattcgta gcttgctatt 240
 gcttgcatth cagatatcga aggcccggcc agaaactagc ttggtagagc tacttcggcg 300
 gacaaaaatg ggcatcgctg aggtggaaat ggccagatat cagcaattcg ccagtgaata 360
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 taccaggatc tcggaattat attggcagta cgaaatgcga agtgagtata cagatatggg 480
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 caaaggccgc aaatatcgcc aacttgcata ttcaatcatg aacctctccc gtcctatcga 600
 tgagaggcat tgctttatag cagaattcgt ccggcgcggt cggcgaattt ctgaagataa 660
 attgagacta ctagatgaag gatcaatatt tgccgagtta gaactgctta aagcccgtct 720
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<210> 7045
 <211> 555
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7045

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 caggagcatg aactgaacgg tgcagaggga tacgctggat atgctccatg acggccgggc 180
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 cggcccaccg cgcaaggagc tcatgaacga tgcactcaca aatgcattaa ggctgtccat 360
 atgctgactg gcatactctg aatagcacta cgcaggcctc ggtcacactg gactggacaa 420
 aacagccgac gagctcgacg aggagagtac atgtgagccg accggctgga accatagaat 480
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<210> 7046
 <211> 637

<212> DNA
<213> Aspergillus nidulans

<400> 7046

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gggacgcaga tttgttccca gagagcgact acacgtggag aagcacaggc agctaatttc 120
cccagcttct ctttgccaat cagaggcaca aactttctgat catcagagcc ctttatgaat 180
caatagcgcg aatatgagcg ggcgctctcc agacttacat agtaatcacc tatattggac 240
agaaatgtcg ccgcgtaatc tagaaacagt tggaagtcac gaaagtcaag gcccgccag 300
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ccctagttca gagcaccagt atgtgaaaag cttcaacctg tgcaaagatc agcagactaa 480
cctggacata tgatggggat aaagcttctg gccgaatct aattgaccga aacccgacgc 540
tactgataac tgaacatct caggtgctgc cattgcaaat gaatggcact gggcatctaa 600
atgtcgttgc gggatggcgt agagccaagg gcagtcc 637

<210> 7047
<211> 1275
<212> DNA
<213> Aspergillus nidulans

<400> 7047

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gtggtaactg acccagatgt ctaggggcag agtagaagga gtagagtgga gggcaagtgc 180
tggggataag gcacgccggc catggtggta cttcctcgct cacgggctaa acccagcgaa 240
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cacacagtta ggagatactt gatctgtaat tacattccag caaaccgccca aattcagaaa 360
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aaggcatgaa taaggtcaca agtgccggta accagtggcg acaggttttt ctgcgatgcc 540
ttggagtcta aaaggttgcg gacgcagagc aatattgccc tagtggcatc cggatgatagc 600

gaatttcggg gagaagagac tgaatccata aatcccagca tgggagtgcc ggaacctagg 660
 ggaatccatt tttgtataga tggggaattt gtcgaatcga gttggaactt gctcctggca 720
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<210> 7048
 <211> 934
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7048

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 cggaagaatc atcgacggca gtgctcattg agagccaggc ggcatccagt caatcaccca 180
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 gaagtctgtc caggccagag ggagtacaaa gtctttttct cagaggagt ttgtcaatga 300
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 tcataccatc ttttatccag gagtggtaac ggccccctt ctggaaacgt gatatatgtt 540
 catggaccgc atctttctct tagaaagttc aactgccac ttttttttg gaatccaaaa 600
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tacttgaaca gcggaaaacc cattttgtac tcgttttaaa ggggtgtttat aggacccccct 720
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<210> 7049
 <211> 697
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7049

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 cgggctcgcy gttggcgcy taataagacy aatagatgcy gcccggtgct ctaagcccca 180
 agacacggtt accggggccc agaagttctc cactaagcgc ttgtaggagt tgacagtcgg 240
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 gattttgacy acctatatat tcctgctaac aagggttttg tgctgccgcc aactggacat 540
 cttttaagg gttttttatt cgctccctc tgggtttccg aactgaaagg ctgatcccg 600
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 gggcacctct attcacgaaa atgtgoggca aaaaaa 697

<210> 7050
 <211> 494
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7050

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gctacagaag gcattcccct cttttgaact cttgatgtca acgcgcaaga gctacctcag 180
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<210> 7051
<211> 750
<212> DNA
<213> *Aspergillus nidulans*

<400> 7051
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<210> 7052
<211> 933
<212> DNA
<213> *Aspergillus nidulans*

<400> 7052

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<210> 7053

<211> 958

<212> DNA

<213> *Aspergillus nidulans*

<400> 7053

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<210> 7054
<211> 615
<212> DNA
<213> *Aspergillus nidulans*

<400> 7054

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tctagccaca ttgcggctgc tcaccgtaat tctacaacga tattcctcgt tctcgatttt 180
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cccaccggac aattgttcgg aaactcttcc atgtgaaatt cgccaagaag atccaattgt 420
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tttgacggaa gttttgatga gcattgcgtc ctgcacctg atggcgcttg acgggtggtt 540
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cagaggatat actcg 615

<210> 7055
<211> 1004

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7055

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 aagctctagc tttgattcac ggaagcagca ccagtccagt gtgcgcaccg cgattttacc 480
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 gccagggaca agcttaccta gatacatcca ttgcaaactg caccacccac ttgaagcttg 660
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<210> 7056
 <211> 415
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7056

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aagaggtcgg agaggtggga ggcggtgggg acttgctgcg gcattttgcg atattggatt 240
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ggttgttctt gtatgcacag cgtcgtccag ggcaggccag gatggtttca gtacgacaca 360
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<210> 7057
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<212> DNA
<213> Aspergillus nidulans

<400> 7057

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<210> 7058
<211> 595
<212> DNA
<213> Aspergillus nidulans

<400> 7058

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<210> 7059
<211> 572
<212> DNA
<213> Aspergillus nidulans

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cagagtcctc ttcaacctgg ggtttgcggt gagctccccg ctgactaggc gattcagggtt 180
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<210> 7060
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<212> DNA
<213> Aspergillus nidulans

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cttacagtca aaatgaacat cactaactgg ctgctacgta gttcctcttc aaagtctgcc 180
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<210> 7061
 <211> 1160
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7061

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<210> 7062
 <211> 766
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7062

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 aatcactcac cgtctgactg tgtccgacaa gtggatactc gcgaatgtga tattgccgac 300
 catctcgatg ctcagacggc cttttccgta taccatcaag catacttggt ggctacatgc 360
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 cacaattcca tagacagtgt tatacccata gctccagcat caggttagaa catgtagcct 480

cgctactccg tattcagtga aacaaattgc tttttaagac ctaatcccaa acgtgacta 540
agagcattcc ggtatcctct tggaacaaac agaagagaag atataaacta tacagtacac 600
cccctctctt aagacataca tccaatgcag caatcatgcc cgtcccctag cgcagccccg 660
cttactcttc cccggacgct ttgcgcgcc gctcgcaccc ttcattcttct tcacagagaa 720
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<210> 7063
<211> 573
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7063

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gcagcgaacc gccgaacacc agacaccaca agagcaccag gccaccaca acagaagcac 420
caaaaacaca gggaaccaa acacacgcac agccaacgca aaaaaacaaa ggaaaacaca 480
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<210> 7064
<211> 578
<212> DNA
<213> *Aspergillus nidulans*
<400> 7064

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ggaggtggga gtggccctaa tgatattaaa agcgcctatc tctgcgttgc ttgcgtgtgc 180
ccaccgcagt caggtacggt aacctccac tgagtgccga aatgagtatg gagcaggccc 240

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<210> 7065
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 7065

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<210> 7066
<211> 493
<212> DNA
<213> Aspergillus nidulans

<400> 7066

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acatgacaaa cgc 493

<210> 7067
<211> 719
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7067

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<210> 7068
<211> 862
<212> DNA
<213> Aspergillus nidulans
<400> 7068

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<210> 7069
<211> 773
<212> DNA
<213> Aspergillus nidulans

<400> 7069

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<210> 7070
<211> 701
<212> DNA
<213> Aspergillus nidulans

<400> 7070

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<210> 7071
<211> 615
<212> DNA
<213> Aspergillus nidulans

<400> 7071

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<210> 7072
<211> 814
<212> DNA
<213> Aspergillus nidulans

<400> 7072

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cacgcaggac gttgatgtgt cggctactcg cytcggtata atccgtaggc atcttgagcg 720
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<210> 7073

<211> 635
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7073

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 cactcgcttc ttaaggatcat ctgtcttttc ttgtgactcg aagtcaaata catgcttgtg 540
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<210> 7074
 <211> 694
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7074

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<210> 7075
<211> 792
<212> DNA
<213> Aspergillus nidulans

<400> 7075

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aaccaagcca gc 792

<210> 7076
<211> 748
<212> DNA
<213> Aspergillus nidulans

<400> 7076

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<210> 7077
<211> 722
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7077

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cgtaataacc gagccgcttg acaaaaatat aatcggcttc ttcagacccc cgaaaaagtt 660

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ac 722

<210> 7078
<211> 540
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7078

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<210> 7079
<211> 686
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7079

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<210> 7080
 <211> 658
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7080

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<210> 7081
 <211> 837
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7081

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<210> 7082
 <211> 643
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7082

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<210> 7083
 <211> 781
 <212> DNA
 <213> Aspergillus nidulans

<400> 7083

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<210> 7084
 <211> 693
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7084

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<210> 7085
 <211> 915
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7085

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<210> 7086
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7086

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<210> 7087
 <211> 614
 <212> DNA
 <213> Aspergillus nidulans

<400> 7087

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<210> 7088
<211> 587
<212> DNA
<213> Aspergillus nidulans

<400> 7088

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<210> 7089
<211> 599
<212> DNA
<213> Aspergillus nidulans

<400> 7089

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<210> 7090
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7090

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<210> 7091
 <211> 520
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7091

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 cacctacttg attcagactg taggcttact acatgcgcaa tagcgatatg cgtccgggct 180
 ctccgccctg gggatgctcg aggcagcatt gaagcacggc atatgtgcac ggcggctgga 240

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<210> 7092
 <211> 240
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7092

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 cgcgagggta cgggggtgaa agagggtcac catctggggg gttgttttcg agggcagcgc 180
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<210> 7093
 <211> 805
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7093

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 tggtagtata ctagcaacgc aaatocatta gacatcaatt tcacaccatt cctgatatca 600

tccgggctca ggggaccacg tacatcggtg caccacctaa cctctgcatt ttgaatacat 660
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<210> 7094
<211> 1083
<212> DNA
<213> Aspergillus nidulans
<400> 7094

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<210> 7095
 <211> 420
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 7095

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<210> 7096
 <211> 831
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7096

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taagtgaact cctgctatt aagtccaag cactaacagt cgcagcactg taccctcgca 600
gccccttcaa cttgcgtgag ccaggccatt cgcaagtact ttcagacagg cgaattgcca 660
  
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 caagagggaa aaacgcgcga cgatatcgcg ctgcaggaag cggtgcttga cgaggcacia 780
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<210> 7097
 <211> 739
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7097

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<210> 7098
 <211> 541
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7098

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<210> 7099
 <211> 915
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7100
 <211> 198
 <212> DNA
 <213> Aspergillus nidulans

<400> 7100

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 cagcttagcg aacctgct 198

<210> 7101
 <211> 765
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7101

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 cagctgagac agttctggct tagcttcacg aagagaaagt ttatgggaaa gagcttttaa 180
 ggtagactgt ttttcattgt gtcgtacctg gcgtgacttt gtgggttacac atccggatat 240
 aactgttcaa aagagcacat acccccgatt tcgctttcag accgcagggt attattacgc 300
 atgattgtcc tacaggcttt ccaggcaggg cgacattaat cttgcgggac caagctaagc 360
 accaacgtag tggagacgag aatatgtcgc cttagataag taaatggggt gcttttattt 420
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<210> 7102

<211> 972
 <212> DNA
 <213> Aspergillus nidulans

<400> 7102

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<210> 7103
 <211> 650
 <212> DNA
 <213> Aspergillus nidulans

<400> 7103

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<210> 7104
<211> 1279
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7104

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<210> 7105
<211> 220
<212> DNA
<213> *Aspergillus nidulans*

<400> 7105
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<210> 7106
<211> 657
<212> DNA
<213> *Aspergillus nidulans*

<400> 7106
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<210> 7107
<211> 1239
<212> DNA
<213> Aspergillus nidulans

<400> 7107

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1239

<210> 7108
<211> 1417
<212> DNA
<213> Aspergillus nidulans

<400> 7108

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<210> 7109
 <211> 844
 <212> DNA
 <213> Aspergillus nidulans

<400> 7109

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<210> 7110
 <211> 1031
 <212> DNA
 <213> Aspergillus nidulans

<400> 7110

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<210> 7111
<211> 208
<212> DNA
<213> Aspergillus nidulans

<400> 7111

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catggctttg aacaacacac tggcgcgtg gagtgcaaag acatagcgcc attgtaacca 180
gacaccacac aagcagcaca cctgtata 208

<210> 7112
<211> 790
<212> DNA
<213> Aspergillus nidulans

<400> 7112

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<210> 7113

<211> 1017

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7113

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agaccaagac aaccacctaa tccgaggcag agattgatat aagattggta gatgccacgg 480
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 ccgagtccgc aaaaggcacg ggctacgata aaactcccta tgctctgcgc cattgcacac 600
 cacgctgtgg taaggaaaaa gacggcaata gcgaataaat acacaggttt tcgcccgaac 660
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<210> 7114
 <211> 204
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7114

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 tcctctcggt caatagcaag taag 204

<210> 7115
 <211> 918
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7115

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 caaactcaga atttgccatc ctagacaagg catgttgga atggtacgat aatctgccgg 180
 agagtttaca gtttacgacg tccacaattt acgcgcggaa agcttcttcc caactaggag 240
 cactcgtoct cttacactgc tctcactatc agaccctgtg tgacctatat cgcctaggag 300

cccagctct gttaagctg cgtccgcta tcgattttcc accggagcag agcgagtttc 360
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<210> 7116
 <211> 801
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7116

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 caagaggaga ttcgagcagc ccaggatggg aggttagcaac tcaatcttcc aagaggtaac 180
 tggatggacg agttagctaa gttatggccg cttcttacga ccgtctgttt gtgcagaaga 240
 cttgggaaag ctctttgtta ctcgcaacat ttgccttgga gtccatgaca cgcacggatg 300
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 gcacaaccaa gtctcgtttg tcagttgaag gaccgttatt ttcttggtac tgatagaaga 600
 caagaatgct tcgtggtaag agtgggaatg gcagttgtgt ctgcagtagg gatcagtgac 660
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<210> 7117
<211> 402
<212> DNA
<213> Aspergillus nidulans

<400> 7117

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<210> 7118
<211> 1473
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7118

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<210> 7119
 <211> 917
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7119

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<210> 7120
<211> 1183
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7120

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<210> 7121
<211> 622
<212> DNA
<213> Aspergillus nidulans

<400> 7121

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cgcaaaaacc tgtcactgat tcgccgcgct cgctacgacc tttggacca tgtgcgaatc 600
acatagttct cctaccaaga aa 622

<210> 7122
<211> 637
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7122

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aagatcggat ggccccggctt ggactggatg gtccactggc agaactgaat cctacgagag 180
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tggtagcgca ngcgttcgcg caaggagca gtatctg 637

<210> 7123
<211> 595
<212> DNA
<213> *Aspergillus nidulans*

<400> 7123

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cattgttgag aagatcatcc gttcaatcgc ccctagtatc tacggccacc aagacgtcaa 420
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aatccgtgga gacatcaacg tctcctcct cggagaccca ggcaccgcca aatcccagat 540
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<210> 7124
<211> 613
<212> DNA
<213> *Aspergillus nidulans*

<400> 7124

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 agtccaccac tgagaatatg gagaggaagg cagcttctgc tgcgagcttg acaggaatga 360
 ccatgtcgcg gacgccggca aatattggcg gtgcgagaag cccgagatgg ggccgcgtca 420
 gctctgagtg caggcggccg actgttcgga tcacgaccag cgccagtcgc cgggtgtcgg 480
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<210> 7125
 <211> 405
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7125

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 tctaagcgcc tcagcttagc agctcaagga gaccatgctg gtaggtccct tcccacgtca 300
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<210> 7126
 <211> 584
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7126

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 gccgaactgc gctgggagac gaagctcgaa ctggacgtca tgggcgtcgt ctatggcacc 420
 agcgacgagg cgtggcacca gtttgatcga gccattgcag cctgggtgaa gtccgtccga 480
 gaagagctct cgcaagacct tcgagtattg agaagacgag cgactgcagc cagtgttgac 540
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<210> 7127
 <211> 1023
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7127

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<210> 7128
 <211> 930
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7128

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 ttgtttttta atacttaatg tgattataga ttttttatga tattatttat tgataaaaaat 780
 aatataatgg tttaaaattt attaaaggata cccnnnnnnn nccaccccc tctccctatt 840
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<210> 7129
 <211> 679

<212> DNA
 <213> Aspergillus nidulans
 <400> 7129

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cgagagccgg aatatgtata ggggtgaaggt tgggtcaagaa gccgggtagc attatatggg   180
tattcaagcc atctttcgaa gatatggacg taacgagtat ggtattcatg aggcgtgact   240
ctgatcaaat aggatccaga atatgcatg tgggaagagct tgggatatta tatgaaaatg   300
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caggatgtgc ctggaattca agttagttag aagtcgagc acttcagcct gctgcgaata   540
catacatagc atcaccgtcc atggactcgc ccatgagaac atcgtagttg tcgtagttct   600
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<210> 7130
 <211> 1105
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7130

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tccgcttctc cctcaataag cgcacctcgg cccatcgga acaacctaaa ctatacttcc   180
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 tgaggccgca tgatcatcat agtgtttata cttagatatt gcagagtcac ggtatacatc 720
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<210> 7131
 <211> 825
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7131

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 cactccacgt ccggtccggc ggccacagga acgcccaggg gccatctct ttagcggctt 180
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 gctgcggtcc aattggggac gaataaacca aagcgaggtt tgatactaga cctgcgccaa 600
 gcgaaataga tgaatcaacg ggcaagaact agtggatcgc agggttcaag ctgatggccg 660
 gattcggata tcaatcagat aagatggaga ggtggagaca aactgngag tttgccgtcc 720

aattaaacag ctgaggcatt tgtctcctca cttgtcggct gtggctccac gagatgttgt 780
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<210> 7132
<211> 711
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7132

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ccccggaggg ttcgtccgag tccgtgcgca taatacgacc caaagcttgg nttaggtgcg 660
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<210> 7133
<211> 1457
<212> DNA
<213> Aspergillus nidulans

<400> 7133

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<210> 7134
 <211> 507
 <212> DNA
 <213> Aspergillus nidulans

<400> 7134

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 aaaaaagagg aggaagtggg aagaagagcg gctggagtga cgatggatca tggccgcgaa 180

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<210> 7135
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7135

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7136

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<210> 7137
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7137

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<210> 7138
<211> 855
<212> DNA
<213> *Aspergillus nidulans*
<400> 7138

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<210> 7139
 <211> 544
 <212> DNA
 <213> Aspergillus nidulans

<400> 7139

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 aatgcatcat aataccgaaa taccttgaag aagtctctgt ccgtggaatg aacaatggaa 180
 ccccccccc cccccctg ctagaatggc aacaacgttg cccggatcga tccggctcgtg 240
 cgaattgatc cgggaccaa gcggccattg tgccttccca ctctgcagt tcgggggcat 300
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 actccgcgag gtcgttcaac ctcatgcagc agttgaacca actcgcgagg ggatcgagcc 420
 cgggggtgggc gaaaaactcc aacatgagaa ccccgcgctg gaggatcatc cagccggcgt 480
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<210> 7140
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7140

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<210> 7141
<211> 547
<212> DNA
<213> Aspergillus nidulans

<400> 7141

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aagcaacggc accggcaaac gggcaagaag aagaaccgcg aagaaaaacc ggggtcggga 180
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gccaggagc gagaggagcc ccagaacaaa ccggaccagg tcccgcaaac gggggccagg 420
aacaaaactt cgacaggggg accaaacaca agggagtggg aaaagggcca gaacacaagg 480
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<210> 7142
<211> 888
<212> DNA
<213> Aspergillus nidulans

<400> 7142

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accccttca ttaatacgaa ccaatctaac ctgtatagta cccggacaac cagaagacaa 180
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cccgtggtc atactacgtt tcggcataca caatgcgcga cccaacggaa ggggtgccgt 300
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gcgccaacag ttaccacatc ctctacgaac ctggcagcta cgattggtgg taccggccgg 480
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<210> 7143
<211> 648
<212> DNA
<213> *Aspergillus nidulans*

<400> 7143

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aagctacgta caccgacga ctggcaacgt cgcccaggat ggatagaaaa aagcctgtct 180
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aaggcgctta tgtgactatg aaagcccgcc ggtcctatac ctaggactcc ttcaaagaca 360
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cattctacgg taatgggata gcggaacct acgagctgcy cgcaatggat ataactgcgg 480
gttggttcttt gatgccgggc ctgaccatgc tatacaatac tggagaggac aactacaatc 540
catcagacga tacgaactag ttggcgtttg tacaatctac tgcattttct gcatccggga 600
cgctaacccc cggcgacgtc ctcatcgatg gacagtctct cgacacac 648

<210> 7144
<211> 545
<212> DNA
<213> *Aspergillus nidulans*

<400> 7144

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 ggaaaatccg tcgcttttct caccagccga tgcccaccaa atgaaggatg tataggccag 360
 tcgggtccat gatagaggct caactatggg gctggaagag aaagttgacg cggcgtctga 420
 gctgtcatct tcatcactat tagaccgat aactcgtcc ttgaatacac gacgtaatcc 480
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 ggtgg 545

<210> 7145
 <211> 585
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7145

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 aggctaacct cgccttcac aagctgaaca agccgtttag ggaggttaca ccgtatgact 240
 accgggatac accggaagc gacatgatga acatcggcgt tgtgggcttt gccggtgacc 300
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 gtctagacaa gtccagggtg cagatgctcg agtatcaaat tgatccatat ggaggtaggc 420
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<210> 7146
 <211> 817
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7146

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<210> 7147

<211> 744

<212> DNA

<213> *Aspergillus nidulans*

<400> 7147

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caagtccgac acggttggtg tggccagtgg gacgttagac agagttattt cgagcaaggg 420
attgcgcgct gatctaagtg tgacggtgat agattttgag gagccggggg ttgtcgtctt 480

cgatgccgtc gtcttcttcg gcatggaggg acgcgggggt tgcaaggcgg gcagggtgta 540
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gcaacaggtg agggcacgta caggaaccct aggagtgttt cgttgggtggg ggacatagtc 660
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<210> 7148
<211> 642
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7148

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tcaggcctga agggccgctc tgtgcttgca ggttggcgcg gattatccat tacaactggg 180
atttgcgaga ttcaggggcaa atgtaagtgg tcaataatgc tcaactgtgtt aagtccatgc 240
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atactgggac ttcattngat caaggtcagc accccctttt ct 642

<210> 7149
<211> 1222
<212> DNA
<213> Aspergillus nidulans
<400> 7149

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atattgtact cctggcgagg ttggttaagat accacttcaa acacaaacgc agaaattgat 180
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 <211> 500
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7150

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<210> 7151
 <211> 584
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7151

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 agtggttcct ttcttgattt cgtgcgcctg atattccctg ctctgtgtcta ggttgctgct 180
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 <211> 559
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7152

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aaaatgccgc cgcccttccc aacctcccat cgcgggatga ccgcaaattcc ccagagacct 300
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 cagaaacagg cgcccccaaa ggctacctct tttccggtga cgaggactgt aacaaaggac 480
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<210> 7153
 <211> 663
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7153

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<210> 7154
 <211> 658
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7154

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<210> 7155
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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7155

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 ggccatttct 730

<210> 7156
 <211> 899
 <212> DNA
 <213> Aspergillus nidulans

<400> 7156

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<210> 7157
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7157

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agccctttgg tggcaaggaa aataaccggc ataccatgcc catcgtaccc cgcgcatata 240

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7158

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<210> 7159
 <211> 1001
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7159

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<210> 7160
 <211> 792
 <212> DNA
 <213> Aspergillus nidulans

<400> 7160

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<210> 7161
 <211> 543
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7161

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ctggactgga cggcagtctg attgaagtct aggagtgtga catgccctag tctaggaaga 240
catagtagc gcaccccgag aatacgcat aaactggctc nctgaagag tctggctgac 300
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gggtggcgacg gcttagttaa cacttggtgtg tagtactgac ggcggtactt gccctggaga 480
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<210> 7162
<211> 953
<212> DNA
<213> *Aspergillus nidulans*

<400> 7162

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gagtccaatt caatcgttgc tctacacgtc ttacacaaaa aaaacccaat tgagaatctc 240
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<210> 7163
<211> 660

<212> DNA
 <213> Aspergillus nidulans
 <400> 7163

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<210> 7164
 <211> 1291
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7164

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<210> 7165
 <211> 794
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7165

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 ggatgtgacg gcgaaatatg aggccggtag tggaactgca tgagctagcc gactctgtat 480
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7166

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 <211> 971
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations

<400> 7167

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<210> 7168

<211> 407

<212> DNA

<213> Aspergillus nidulans

<400> 7168

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<210> 7169
<211> 1038
<212> DNA
<213> *Aspergillus nidulans*

<400> 7169

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<210> 7170
<211> 470
<212> DNA
<213> *Aspergillus nidulans*

<400> 7170

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<210> 7171

<211> 551

<212> DNA

<213> *Aspergillus nidulans*

<400> 7171

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<210> 7172

<211> 316

<212> DNA

<213> *Aspergillus nidulans*

<400> 7172

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<210> 7173
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7173

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<210> 7174
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7174

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 tccgctaagg acccgagtat accgggcctt aggtatttag cagaaacaga gttattcctc 180

attattatca acaattactc cggatgctgt ggctttgggg gtcttttcct ctccggcaac 240
 gggtgatttc cagatttggc ggggacccgt aaaaaactcc attccgcctt tctgtccctc 300
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 ctccatcgtc gattaggata ttcttcaaaa gtcccaggc ttttaattgcg gatcagctca 600
 tgctgcagga caaagaaagc gtgccagtag ggccattgt caatagaatc ggcttctctg 660
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<210> 7175
 <211> 763
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7175
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 aaccattctt attccatcct tcttctatgg gcctttttgt atctcgtcac ggtactcgta 480
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 gattcgacca aaaataccgc ctgatggaat gctgaattgg gttagcattg cctacctgag 720
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<210> 7176
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7176

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catatttttg aagatgttag gcgttgcaat tatcattggg gccagaagaa tgaggaacga 180
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gcatgaacgg cgagccgagc cgggtgcctat ctctttgcaa gggttaacata gacgcgacca 420
ctgaacgcct gcactgccgt attccagggc tagttcacia acaaagacta ctcctttcga 480
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<210> 7177
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans

<400> 7177

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gactacggag acaacgagag gaagcaaccc ccaatcaacg ccccatagga cagatcacat 180
ctgcgacgct cgctcgata ggaaacgcca gatggacgat tctgacggag acatcgacg 240
agagcccttc tattggagcg agcagacact gtgtgcctta ggcggtacac ccaaggctac 300
catgctagcg gacgaagaga atggcacgca acagatgact gaaaggaagg taactgcagt 360
acaggccggt ggcgtatcgg actacagtac gaacaggact aacagtccga gacacgacat 420
tcttatgcca agtgagagaa cttactacct gatgggtcat ccgccggcca gggcgattgc 480
tctacaagag acacgcaaat cgaaccatac accgaattga gtggccatcg aacagccacc 540
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609

<210> 7178
<211> 477
<212> DNA
<213> Aspergillus nidulans

<400> 7178

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gacgataggc ttcacaatgt ccatgtggtc catgctatcc tccaccaccg atccgtgatt 180
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gctgccacca gttggtcata acattctgac agcacctctc aaggacaagg tctcgctcga 420
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<210> 7179
<211> 1266
<212> DNA
<213> Aspergillus nidulans

<400> 7179

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gatttcgagg tctcatagac ctcccgctca agggactcag cctcctgcat tcggtcctga 480
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<210> 7180
<211> 1002
<212> DNA
<213> *Aspergillus nidulans*
<400> 7180

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ctgttacagt aaatgttcgt tcaaggcttt ttcaaacgcg atataatggc aaatctagcc 180
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gcaagtgacc ctttgaccca caacatatca atatgaacc tgtatgaacc ccgacagttg 300
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cgcttgacac ctcttttctg cagccaagag ccagccaag aggaccaagc gactagggtc 480
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tgtgttcggt cagctcgtcg atcagatgaa ctcgctgacg tgcaatgcaa cgcccgaaaa 960
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<210> 7181
<211> 611
<212> DNA
<213> *Aspergillus nidulans*

<400> 7181

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aaaccgtatg tggttcatat tcggccggta tcgtattgat atggttagtg gtctaataaa 180
cactgcagcc gtgatctctt tacactcttc catatccaga cggctcgccc gatatcatta 240
agagactcgt gaccgcttgc taaccctact actgtgatcc atacctggac aatagcggtc 300
tacacatact caacaggcat gagctgatca ctatcgctgc ctgcacgagg cttaacacag 360
gaatatcatt tgctgcgaag gtcaacaaat acaaccaagc ctttaataca gcgctgtaca 420
taaagctgta tcttgagctt actctcgagc atttattggc taaatattat gaaaggagat 480
aatagctctt tcatccactc ccagtgttac tgaagagtct tacgcttatt acgagaactg 540
aagaatggat aagcatatgt tttttaatgc acgaatgggt actaatacag gcccaaccag 600
gtcttcgctt t 611

<210> 7182
<211> 1018
<212> DNA
<213> *Aspergillus nidulans*

<400> 7182

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cttccgttca acccggtctg ctacgaggac gtgctctatt cttgcgcctt gctgcaggac 180
 ctcaaagtac tacctgatgg tgataagacc gatgttgggg cgaatgggtat caacctcagc 240
 ggtggccaaa agtggcggtt ggctctggca cgggccctct atagtcgggc aagtattctt 300
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 tacggctaaa tttgccttgg gccctctttt tagggccctt ggccactgag ccatgtcggg 960
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<210> 7183
 <211> 561
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7183

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 ccgctcggcg ataacgatag tctcttcggg cgagctgacg cgatagataa tgcacactag 180
 aatgcatact ctgtataata catctctaag gaatagtata cataacccca cctggaggtc 240
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 tcctggctgg ggaatttctc gatactctac acaagatact ggtagctctc acggtcttct 420

gccactaact gaccgatcaa gggaatggca ctaaaactac actgcttgta gaccgcattg 480
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<210> 7184
 <211> 717
 <212> DNA
 <213> Aspergillus nidulans

<400> 7184

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 gggcccaatt ctgtcgagtt tagtctggac tcgaatatca agaaaccgat cttgtatgat 180
 ccatgattgc acggttgaac tgatattccg aatctcctcg tcacctctt ttggccagaa 240
 tctcggctga ggatgcgttt tcgacagttg caggtagtca tcgatagtct tctggatgag 300
 aagtcctgac attcggaggt cttcaaaagc acccagtgtg ctgtgccgca tagtatgatg 360
 aacgtccaga aagatctggg aggcgaagca aagccacaaa gtaacctttt tagtcttgat 420
 aaactcaaca acgcctcgag tgaccgcgtc ctgaacaggc atctggattc cgcacctatt 480
 gaccatgcag aattatggca gaatcgaaaa aaggatcgtt tgatctttgc tgaatttctg 540
 gccaaggac atccgctctc tgtccatttt aggaacataa gtgccgatgg agcccttttt 600
 gaagacaggc tgtagattga cctgtagaac ttttgcgagg gactaagcac aaccatggat 660
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<210> 7185
 <211> 517
 <212> DNA
 <213> Aspergillus nidulans

<400> 7185

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 acccaaacac gcaaacagcg acggaacca aaaccaacag ccacccaaac cgcaggacgc 180
 cagccacagg caggccacac caaccacaac caccacaaaa gactgatcac aaagcaacac 240

cgccacaaaa aacacacccg aaaacccgaa cagcaagcaa aaacccaaac gcaccgcacc 300
ggccacaaga agcatcccaa caagccccag aaatcctagc cgcaaccaac caccagcaac 360
cactaagccc gaaagccacc ccaaaccct aataggagg aaagaagaac ccccatgccc 420
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caciaaggcc caaaaccaac gaaaactacc aaccaac 517

<210> 7186
<211> 1118
<212> DNA
<213> Aspergillus nidulans
<400> 7186

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1118

<210> 7187

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<212> DNA

<213> Aspergillus nidulans

<400> 7187

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tttcacggca gtacactgag ttctgtcaga cagatgacaa cgtaggccat aaacatatgg 180
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gatgagcaca tcatggaact gataactcgt atttgttcta agcgattgtc gctggaagaa 420
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<210> 7188

<211> 808

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7188

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ttgaatgagc gaaccaagtg ataaaggaaa atcccggtcg cgaccaataa ataaggggtt 240
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agaatcagtt agcccagact tcgctgcaaa tctgaaggtt caatcggttca gcagaagttg 360
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 acgcctagcg gctaagcaaa tccaaagctg gttgtttatt cgcgagatg agtggcttta 480
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 aatgcgcgga tgtgtttgcg ttcaacctga acctgaagct ttgatctgaa acgctaaaaa 720
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<210> 7189
 <211> 701
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7189

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 tccaaagctc agtcagaaat cgttggtcct cgcattatat gccaaatatc tcgctgggga 660
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<210> 7190
 <211> 1186

<212> DNA
<213> *Aspergillus nidulans*

<400> 7190

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tttaaataca atgccaggta cgatttttta cctggggtta tgggtccaaac agatcttaaa 180
attccggggc cgaaggggtt accccagcca aagtccgctc caaaccataa gggttatcct 240
tagattttcg aaaccctat ggaaaacatg accgggaaat tccttggcaa tttttacgat 300
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gataacaaaa tctgtcacgg agcccccttt taaatcccaa cacaaattgg gcatggccat 540
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ggtttctccc caatccaaaa atatggctac ttaagcttag aatgcattca ctcttagtag 660
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tattcttctg ttccctagtg gctgaactgt cacaggctca acaagttctc cccgcttcct 780
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gaacccgatg gcaattgtgt gaaggataaa aacagcaaca ctaatg 1186

<210> 7191
<211> 499
<212> DNA
<213> *Aspergillus nidulans*

<400> 7191

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 cttgaccgga tcctggtgac tggagaatct gccggcggct tgctgagtat taatgcgta 180
 cttacccatg cgtctgaggt tcgagcggcc attgccacgt acccgtcgct cgacccgagt 240
 tcgccagatt tcaccagacc ccggacagac ctctctccgt ttggccagag tttgccgaa 300
 tcgctgattg aggatgtcct aggtcctgtt cgtgatggaa atccggtttc ctcgctcgtc 360
 gggcaggagt acctccccgt catgtgtgca gcgattcagt atggtcggct cgggtggctgg 420
 tacgcgcgag agtcgcagga gtcggcgagg cagaaactgc tgtaccctgt gcgccggctg 480
 gaggagcctg atgtgcagg 499

<210> 7192
 <211> 683
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7192

ggtaggacga gtttctgttt gagaatcttc tcttgcagct tcgcgtgggtt atttgcctta 60
 aaggggtggcg agccggtgag aaggctcgtat ccagagcgc cgagggacca ccagtcgcat 120
 gctttgccat agggtttgcc ttgaatgact tcgggggcca tgtattcgat tgtgccgagg 180
 gaagagttgc agcggtcgtc gtgcgccacg gcgattttgc tgaggccgaa gtcagtcaga 240
 aggaggtgcc cctcgcggtc aaggaggcag ttttctggct taagatcgcg gtagatcacg 300
 ccgacgttct gatgtagggtg ctccaacgcg aggaccatct cggccatgta gaaggccgca 360
 gcgtcttcgt caaacatgcg ttccatcgcg aggtgggtga agagttctcc tccttgggcg 420
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 aaggggtgtc gattcacgct ttccagaatc gcgcgctcgg tcttcgtttg ttccacgagt 540
 ttcttgtgaa ccgtaatcga ggctttcttg aactgtttct gcgcgtaaag ctttcctgtg 600
 agagcatggc gcaccagcaa aacgggtcca aaggatccct tgcctaagca gagcagaggc 660
 tcaaaatcat cggtagtcac ttt 683

<210> 7193
 <211> 573
 <212> DNA
 <213> Aspergillus nidulans

<400> 7193

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aataaaataa cattatttgc acggacatgg aactgagtgt agtaattaat gagcctagcc 180
tgactggggc cagccaaaaa gggatccagg ggttgctcgc atcatgctct tggccacctt 240
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catcctataa gaccctgagc ggctgagcct gcttggtatg taagacatgt ccgcgacaat 360
gagggttaaat gcctacacct ctgctatacg agttcgggcg cgtcagtcca gtactaactc 420
cgtataatta tttagttaaa tagtcggggt ttaggtcaac cctagagctt acataagtgg 480
gttattatct taacgttata gtcgaggatc gtttcgtgtt tcgcgtcctt acatttctcc 540
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<210> 7194

<211> 864

<212> DNA

<213> *Aspergillus nidulans*

<400> 7194

ccaaccgagc ccacaggccc attgtaaatc aactgccttc gtgtgggtctg gggcggtcca 60
ctcagagttg tcctgatatg cggagaaatc cttactgtat aagtagcaga acggtagata 120
cctaggtgat cctggggcta tcatcaaata gtgcaggcca tttggaagaa cccaccgggc 180
tcagcctgat aataactcgg acggagtggg gggacgaagg ggccctgcag tactagatta 240
tattaatccc tgtcaatcgt cattaacaag cctgtctcag gtccactgtt tcaactagt 300
atctagttga ttatgcacaa tggtaggcat aaaaaaccac ccggccttgg taggcatgt 360
gtaagtggaa tagatgatcc cgggagtacg gcgagagatc tccgagtcac acagcaactc 420
tagtcacaa gcagtctacc gcgtgcagtt gtatttttagg ttgtttcaga atgggcacgg 480
cttctacgag tgtagtctat tgggttatagt cccaccgtat ctggcccaaa gatagacgca 540
tcgtacatgt ggatagtcct caaaactgtt gcggctgtag gctatttgat tcccacttga 600
tgcgagatgc ttgatagtac cttagagctc cttagcaact agtttttttg ttttagatta 660
gggcccactg gatctctcga aagggtgtacc gcacgtacag gagtatatat attgccaacg 720

actacgtaca aaaacctatc cttaaagacg gtttcgcatg cgaagaatcc aacgggaata 780
 cagcatgtac acgtacgtag tttgcccgc ttcgcgcaga atggcagtga tctgtgatcc 840
 tgcagagaaa tattgttgag caga 864

<210> 7195
 <211> 574
 <212> DNA
 <213> Aspergillus nidulans

<400> 7195

ctttttggcc ttgtacgttg ttccgatccc cggcatttgt tttcatgttt catgcctaac 60
 cttcacgtcc agtttcgcaa caagtccctt cccaagggtg tcaagatcgt cggatatgcc 120
 cggacacaga tggaccacaa tgaatacctt aagcgagtgc gctcatacat taagaccccg 180
 acaaaggaga tcgaagagca attgaacagc ttttgcgagc tttgcacata catcagcggc 240
 caatacgacc aggatgactc attcaagaac ctgcgcaagc accttgagga gattgagaaa 300
 aaccaaagg aacagaacag agtcttttac atggcggtgc cccccagcgt tttcatcaca 360
 gtctcagagc aactaaaacg caactgctac ccaaaaaatg gtgtcgctcg tattattgtg 420
 agttggattg ccgtccaggt gaacggaagg gaagaaaagg ctaatcgggt ttttgtcggg 480
 ttgtaggtcg agaaaccttt cggcaaggac ctccagagct ctcgatgatc ccagaaggcc 540
 cttgagccca actggaaaga agaagagatc ttcc 574

<210> 7196
 <211> 476
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7196

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 cccacacccc ttccatcttc ttacaattct caactctatt attccttact cccatcacdc 180
 tactttttctc tcttcttctc tacctctta tctcttctc ctccccttac ttttaaccgc 240
 cctaaaagta cttacacaca attctcgggg gggcctttca acctattctt cctttcccc 300

tcaaccccc catttctaca ttactatcc cttattgcc tcaactcacc gatttcttga 360
ctcctgtctg tctctccttc ggacacgtcc ctatctaccc tctataacta ttactatcta 420
ctacttcaact ttcaccctct actttctctc aagtcctaact ccatcttctc ttatta 476

<210> 7197
<211> 574
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7197

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gtccatatta cgttcggcat tcacgacgac atgatctgca atctccctgc accgtgatgt 120
gcactacatg acaaggaaga aatattagag ctaccacttc ttagttctag cccattcatc 180
catccctttg ccaagttcta agctcatttt atccccctac aggtggtaag ggcgagagag 240
tgatagacaa ctctgctgac tcctactccg actccgattc cgattagacc tgtatccgtc 300
ttttctcatc tccctcttcc ttgttctcct agaatcaaag attatataca aacaataatc 360
cccaagagat acgcacgcac acgctgtgtc gccacaaaga caaaagcgtt cctattgcgg 420
gtgcctcagg aggctgccag cgctgcacgc gcctcagcga cccatcttgc gtgtttccgg 480
cagagatgcg cggagggnnt atcaactcaag ctaactggaa aagctcaagt gaaacacagg 540
actgcgccga aaagatggag aggaatacag ggtg 574

<210> 7198
<211> 555
<212> DNA
<213> Aspergillus nidulans
<400> 7198

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tgtcgagggc taggagccag ttctcttcta ttgtctgggc cggagcaggc gggagggagg 120
ctttcagctc ggggctccag gacgaggggt ttgcggcgctc ggcgcaaaag acctgagctc 180
ggttgcttgg agtcaagcct ttgtcttcac ccttctcgga cggggaaggt gaggaagaca 240
aggagaaggc gcggcgggtt tccttttcga gtctttcaac ccgctgcttt gcgaactgcg 300
cctggacagg gatagaggtg ataccgacgt aagagtcgaa tagcggcttc ttcgggctcg 360

tgctgtcttt cgcacccccg gccccgtcct gttctgctgt ttctgcttcg catctatgca 420
 tccccggggcc cgttccccgt ttgtacccta gtatccgcat cgactgggtcc ccgcacccaa 480
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<210> 7199
 <211> 747
 <212> DNA
 <213> Aspergillus nidulans

<400> 7199

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 caccaaagag ctctttacgg tggccaatcc tccaatcgga cagataacgt ctgactgtaa 180
 cgacagcagg tattcttaac tggctggaat tgggaaagac cgggaaaata gagcagataa 240
 agcatatagc aaggcaggat tgcgaacaaa ccagaagggc caagctggat agactgtccg 300
 cgacattctc ggatggatct ccagcaaagg atctgagcat gactaagaga gacaatcaat 360
 acgttttatg gggttcacag cgtctgctat taatgggtgt ggactgctg gactacaacc 420
 gacattactc gccctacgcg cggtgctac tgtgcagaaa ctttctttcc ggcaaggat 480
 cggaatatc actgcataat tgcctagtag tatcgactgc tcattcgcta gagcatgacc 540
 acggatgctt gagggagaag catgcttgat acttccccct ggatagttcc cttatctgag 600
 cccttaagca agaacaccca tgggtccca ccgtggcaaa atttttggtt cctgcccag 660
 aacgtttcta tttcatgcg aaccagataa aagttaacaa ctgcttgaac gttgtctctg 720
 tcaatcacct tatggtcata aaaaaca 747

<210> 7200
 <211> 611
 <212> DNA
 <213> Aspergillus nidulans

<400> 7200

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cgagctcccc gtgcgcggct acacgaccct ctgtctgaac aatgcacaga tcaagacggg 180
 tctcatgaac gatctggacc tcgagacaat gatgagtgat gtcggagcag gagtgcagtt 240
 cctgcgggct atgggcgaca ttgacaaggt gattgtctgg ggccattcgg gcggcgggtgc 300
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 gaagatctac ccttgctcga gcgccaggga cgggccggag cccgcggatg gggtgctgct 420
 cattgatgca aatcacggac tctcgacgat gactctcctg tcgctgaacc ctgctgtcac 480
 caactcgtct gaggcagtga acctctacag cccggcaaac gggcggaccg aagccggcgc 540
 aaactatacc tcctccttcg tgaaggagtt ctatgcagcc gtggcgctgc cctgaaatgg 600
 tctcgtcgac t 611

<210> 7201
 <211> 541
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7201

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 aagaacttgc aatgaattgc ttcggagact gtcacgagcg gaggataccg tcttttgcg 180
 ccgggtatct atctttctct ttcaaagctt tcccttaggg gacaagagcg cagtgaatct 240
 tcggggcgaa tatcataccg agaacgtgac aacttttgat accatcgca atgacgcgat 300
 cagtgaagca catgatatgg atgtggatat gccggacgtg aaggcaacaa actcggtagc 360
 tgagacgcag aagcagcccg tcgctgaggg tgatgccaa tcggccgaac aggacgtcac 420
 taagatacca aaagtgaccg ttctgcagtc tagcgatcag actggggagc ggtcactcaa 480
 cctagatacc ctgtatccaa tcttctgggg gttgcaagct tacttttctt cttcgacaaa 540
 g 541

<210> 7202
 <211> 827
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7202

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 agcgcagtat cccgccgcaa agcaaacttg ctacgaacac agcggactct gccgaccagg 180
 agagaagacc agaactgtag cctgaaggac agacgaactc ttgcgtacgt agaggaagga 240
 gagggaggat tgcgtggcat agaccaaaga tggtgacgag tttgctgtgc aacgagagga 300
 gtaagatcat ctataggaga ctgggtcagc aataaaatgg gtgtctgctt gcagcaggcc 360
 cgggttaggg agcaccttat tatgcctgaa cgggtcgcct ttcactgtct tgtctgggtt 420
 gggattcggg ggggtgcagga cgtgttgaaa aaggtatgag ccggagatca cggcgatgga 480
 gaagaaagcc tgtagcatct tggaccgaaa cagttctgtc tgcgtcacc cacttattatc 540
 taaggagaaa aattagatgt ggaagggttg gtatttgtca gggcgtgggt tggtcacagc 600
 tttataccct tatcttagag ccttcgctcg agggacttca gcctcggtag aacttccaaa 660
 attggcatct atcagcaccg caccgcatat aggtacgcct aatgtaacat cacttatttc 720
 cagcgcattg gattatcgct caccgttttt gtattggcct gatatgcggt cgagcaggcg 780
 tgcatacaga caagtttcta cgcgactgta gctcaactag gggaaac 827

<210> 7203
 <211> 746
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7203

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 cgcagagaat ccccccttct ttaatgaggc aaacaagtc ttgttgctcg cctcttcgcc 180
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 agcctgcttc ctgcgtaat aagcggcttc ggcagcggct tccttggcct caagctcagc 360
 catctcgcgt tcgatagcat catagtcaat ctcatcgtca tcagcaggcg cgggagcggg 420
 ttcggaaggc ttcgctgttt cctcagtagg agcgtcatct ttcttctctt tgatgctcag 480
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ctgtcctcc ttcttctggc gcgttctctc ttcattcttg ttcttcttgg cagcctcttc 600
 ttcttcttcc tccttcttac gcttagctgc ctcttctct tccgctttac ggcggtgctc 660
 agcctcttga tcttgogcca tcttctggag aacagcgtcc ttcagttcct gtttcttttc 720
 agcggcagtc ttagctgaga cggacg 746

<210> 7204
 <211> 493
 <212> DNA
 <213> Aspergillus nidulans

<400> 7204

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 ctagtcttct tgtggataac gacgttagca ttggtgctgt ttgtggaatg tgaggttgag 180
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 atgacattca acaagccgga tagagagacg ccttgttttt caaagacccc tgtccgccag 480
 tggttgtccg gaa 493

<210> 7205
 <211> 460
 <212> DNA
 <213> Aspergillus nidulans

<400> 7205

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 ccaaagaaga cctgcttcca gtccggctgg aggaagttgg actcgttctc gtaggtcccg 180
 gaccagaggag tgagagcctc aagctggggc gcaagttcat tagtgaccgt ctgctgatca 240
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 agggcctttgc gccaaaggagc aaagatggcg ttgtcgacat cgttgggtgt ggagacattg 360

agacctacac cgacggcgac gacattctgc gagtgaaat tgtacagaac ctgagccata 420
gaagcagcat cagactcgac gaacgagcgg ggaaggagac 460

<210> 7206
<211> 643
<212> DNA
<213> Aspergillus nidulans

<400> 7206

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ctgctgcgca agttcggatg ggacgatagt gagctgcccg gcgcccgtgt ttctttcctc 360
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gcaggtcctc tgtctctgta agttgacgtt cccttcacgc ctactccacg ccagttctat 540
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<210> 7207
<211> 521
<212> DNA
<213> Aspergillus nidulans

<400> . 7207

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agcttactca gggcaacctc ccctgattat taatatttac aatacccta ctgcaccttc 180
aatcaggcct ggaaaagcta tacaggaact aattaaactc tctgactcct acttctccca 240
gccagttata ctagctggta atttcaacct actacatagc agatggcagc cctcccttca 300
gcaaagcacc tctaccttgg ccgaagcagc atcagaatgg cttgacagac ttgggttagt 360

attcatctct gagatagact cccctacaca tgatagaggc aatacccttg atctagcctt 420
 tgcattccagc tctactgccc tggctggagc ttataccaca gttgcagagt acctggatgc 480
 cacatcagac taccagaccc tcctgactat cctcccctgg g 521

<210> 7208
 <211> 708
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7208

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 cagtaagcca ccgttcctct ccatatcgca tacctctgat tgatttacct ctatctttta 180
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 tttatcatcg aactctatat attctctaatt cttctataat ttattatctc ctaactcaat 600
 actcttcacc tctactctat ttatatattt attatcatac cttatcggtc atctaccaat 660
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<210> 7209
 <211> 654
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7209

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 tctggggcct ccctccctca gtttaatgca ggagcagttg atcagcatgg tgaaccagcg 180
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ctgaacgatg acacggaaga atccgacacg tacacgtaca taccgccgga tccgagatca 300
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gctacacaag ccacgtcgga cgtgccatct atgaaactac tctctaagca atctacggaa 420
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gcgttcacct ttgtcaagga aatgccatct tctgaaggca aaaacgcgca acagctttgt 600
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<210> 7210
<211> 538
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7210

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<210> 7211
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<212> DNA
<213> Aspergillus nidulans
<400> 7211

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<210> 7212
<211> 608
<212> DNA
<213> Aspergillus nidulans

<400> 7212

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 aggaccatta gcccgcagca cagagcagag ctcggaagtt gctgggaact gtgtgcagcc 540
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<210> 7213
 <211> 492
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7213

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<210> 7214
 <211> 497
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7214

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 agatcctcgg taccctggac tcaacaccat gcctctctac tctctactcg aggaacctca 180
 agtacagagt agtatgatcc tcaaatatgt aatgctgaga tcggatcctc gatctcatgg 240
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<210> 7215
<211> 113
<212> DNA
<213> Aspergillus nidulans

<400> 7215

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<210> 7216
<211> 486
<212> DNA
<213> Aspergillus nidulans

<400> 7216

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cgatgt 486

<210> 7217
<211> 101
<212> DNA
<213> Aspergillus nidulans

<400> 7217

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<210> 7218
<211> 993
<212> DNA
<213> Aspergillus nidulans

<400> 7218

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<210> 7219
<211> 813
<212> DNA
<213> Aspergillus nidulans

<400> 7219

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<210> 7220
 <211> 889
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7220

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 aaccataatc tgttcgcatac aagagagaac tcatcaacgc atatcttctg attgacatga 840
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<210> 7221
 <211> 510
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7221

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 aatgctcaaa acaaatttct gcaagactac 510

<210> 7222
 <211> 606
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7222

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 ggagtg 606

<210> 7223
 <211> 145
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7223

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 ccatcaaaca taccagaaca caaca 145

<210> 7224
 <211> 602
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7224

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<210> 7225
 <211> 949
 <212> DNA
 <213> Aspergillus nidulans

<400> 7225

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<210> 7226
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 7226

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<210> 7227
<211> 1039
<212> DNA
<213> *Aspergillus nidulans*

<400> 7227

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<210> 7228
<211> 474
<212> DNA
<213> Aspergillus nidulans

<400> 7228

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<210> 7229
<211> 626
<212> DNA
<213> Aspergillus nidulans

<400> 7229

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<210> 7230
 <211> 673
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7230

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<210> 7231
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7231

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 cagggccaga aatttaaatgt gcggcagatg acagggacat gccattaaac catgtcattc 660
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 <213> *Aspergillus nidulans*

<400> 7232
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<210> 7233
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 <400> 7233

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 aagcttctta tagtctcagt cagagatgag ttgt 1294

<210> 7234
 <211> 631
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7234

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<210> 7235
 <211> 704
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7235

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 ctgggaaact gctctgcata gaggttgtag gtaatgccga gatcagtaag gccgtcgggtg 660
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<210> 7236

<211> 811
 <212> DNA
 <213> Aspergillus nidulans

<400> 7236

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<210> 7237
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7237

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tcgt 184
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<210> 7238
 <211> 602
 <212> DNA

<213> Aspergillus nidulans

<400> 7238

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<210> 7239

<211> 744

<212> DNA

<213> Aspergillus nidulans

<400> 7239

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gcctattatt tcaaaccaag cgctgttggc aggatcaaaa tggcctgagc tgttggcgag 660
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catagaggga agatatgggc tgat 744

<210> 7240
<211> 150
<212> DNA
<213> Aspergillus nidulans

<400> 7240

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ggtctgggga agcgagattg atatattagg 150

<210> 7241
<211> 822
<212> DNA
<213> Aspergillus nidulans

<400> 7241

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822

<210> 7242
<211> 1530
<212> DNA
<213> Aspergillus nidulans

<400> 7242

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<210> 7243
 <211> 207
 <212> DNA
 <213> Aspergillus nidulans

<400> 7243

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<210> 7244
 <211> 581
 <212> DNA
 <213> Aspergillus nidulans

<400> 7244

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<211> 566
 <212> DNA
 <213> Aspergillus nidulans

<400> 7245

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7246

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<210> 7247
 <211> 174
 <212> DNA
 <213> Aspergillus nidulans

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<210> 7248
 <211> 887
 <212> DNA
 <213> Aspergillus nidulans

<400> 7248
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<210> 7249
<211> 243
<212> DNA
<213> Aspergillus nidulans

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cca 243

<210> 7250
<211> 951
<212> DNA
<213> Aspergillus nidulans

<400> 7250

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tcacgagata cgaagctact cggccgactg cacagctctt aatgctgcga gtcccagcat 180
tctacacggc gaacggagtc ggcctagcga ccgagacgac cgagctctcg accgactgaa 240
ggctacagtt tatcaattac gagttttaat agaacgaatc tacaacatgt tgggtctaaa 300
ttgcagatgc agagtggcta catatgtttc tccgtgacgc tgcccagccg aggaggcaaa 360
caaggtggaa aactccccgc acgcccagac gagcagctcc tatgagctcc cagtgccgcg 420

gttgatcgcc cgggcagttt cacctttcgt ccgtcatact gaagctctgt caccgacatc 480
 ttccgaggtt tgtccagctg ctactataat tattacattg actcgatata gcggtgagtc 540
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 atcgctgaaa aacagcaccg ctggcacgtg aaaacccatg aacagaccaa catgagctat 660
 cctaacatgt gatatacata tatggataca tcccagctcc ggatcgaccc cggaatctac 720
 gcgctgaccg agttcgggat cgaacgggtc atctgtcaac cttcagcctt gtcttccaag 780
 ctctaaact ttgatcggtg aggcccggtc actagactgt ctcaatatac cgtcgcacct 840
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<210> 7251
 <211> 882
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7251

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 ttagggcaag atcacattga gcgttcagcg gggagtagta cgaaccgagt cagcacttct 240
 gtagggcgag ctatcggacg ttgcgtttct tgaatctgta tcgtagtctg agtcgatgat 300
 ctcggtggtt tccgacatgg ccgatctgga acgagcatgg gataacgata tggtttcaag 360
 gaagagttgt tcctgggcct tgatgtaatc gaaggatggc tggaaatcct gagtagaagc 420
 ctgtttatgt cagctacata aatctcgag catgcaggaa gatcgtagca taatgcgggc 480
 ggaggagacc gaaagctcct ataagcggat tgtaggcaat gctatatgaa tgtgtttgca 540
 cgaactgcta taaaacgagg ttgcggtgtc ttcttgaata ggaggatggc aggcaggata 600
 gggagtctgg atgcaaaaag gcggacaagt ttctgttggg taggaaagtg agggggcaca 660
 agcagatcgt gggatcacac agcgttaagt atatccagc cggatcaaggc cgggtgcctt 720
 agcagggat aggaatatgc caccgctcaa agcgcgggcc tcatttcccc atcatgccga 780
 aacgcagaga attagccagc gaggagtgtc ctgatggat gtgatgaagt gaacatgtag 840

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882

<210> 7252
<211> 477
<212> DNA
<213> Aspergillus nidulans

<400> 7252

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ctgctttgaa agtagtcac c aagttcagcc agttgaacgc aaaacgctgc tggcggtacc 180
gattgttggc ttcccggatc gtcacccccg atgactctgc taggatatcc atctctacag 240
tatctatgtc gtctgtgacg cgcacaacgg acggtcggca tagcatagtg agatgtgtgt 300
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aaggggaagg gcatactacg gcgcccttca atgaggcggt tgtaaaggat ctctctgggta 420
tttgtacttg ggcgtcggca gcaactggaga gagctcattt tagatcctat catgctg 477

<210> 7253
<211> 646
<212> DNA
<213> Aspergillus nidulans

<400> 7253

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cccaaataat cagctagccg tgctgttgta tcagccctcc ataaagccaa atgaccgtcc 180
agccactcaa aagatggtcg catagacccc accatatttt gcttttggtta acgagacgtg 240
agcaactcca tagagtccat ccgagtttgg cctggcccga tatccaagga gtacgaggtg 300
gataatccgt cttgagctgg aatgggtacg aagagtaggc atggtcgaga attctcacac 360
aaccggccca ggtgaggtct aaagatgggt attgttctaa gacattataa acagtgcggt 420
tgagttgggc tttgaagggt aaaaatgatg gtatgattct aggacaaagc gtagcctcgg 480
cgtaagtata gacgacacca aatatagcgc aataccattt atgcagtggg cgctctagaa 540
gcattcagaa tgcagcaacc gttgtcggct cgcttaacaa gatattctac ctactcaata 600

accatctata catacggaga aaattgcgcc ttacacaaaa tttaac

646

<210> 7254
<211> 110
<212> DNA
<213> Aspergillus nidulans

<400> 7254

caccgctgac cattcagcag aaatcgtctg acatgtgcct agagcaatat atcagggcct 60
tgggatgata caagacggta agtcctgcct atcttggata tgatcgcaga 110

<210> 7255
<211> 1082
<212> DNA
<213> Aspergillus nidulans

<400> 7255

cccgaacaaa gactcaacta ctttacctgc tcgatactct cggatcctgg atagacgagg 60
atcttcttat cctctctccc tccccagttc cgccaccatc attcgaagat cattcttcag 120
aatcagaccc agaattgaaa tcccaatacc acctcgaagc ctatacaact tactatccgg 180
ctggctttga cacacgcaag aagctctctt tatcgctatc cgcaattcac gccccactgc 240
ccggatacaa gcagaaactc tccaagagca tggatcgggt cttcgaacgg cttgaagtgg 300
gcaaagcagt tgtgcgcgtg aactggagta ttatgcccga gggcatgggg ctgtttgctg 360
cgtttgaggg gttgcataat cattccccct atgctgaaag aggggaatgaa aagggtggaaa 420
agttacatcc ggaaagcttt gacggagaag acacgttctt ccgatgcgag aggcagacgc 480
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ttaaggatgt caaagaggag gggctgggtg aggagctggc gattgcgata gatggactaa 600
aggaaggcag tgtgccggag atccacgagt acaagaacgg gccatattgg ggagaagctg 660
tgaaggcttt tttgcgtctt taaagtgaac ttttaggcta aggtgattat taccttttta 720
ttctatatga atttatcttg ctaggaagtt atttgcggct agtaaggttt acagacgctc 780
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 ct 1082

<210> 7256
 <211> 100
 <212> DNA
 <213> Aspergillus nidulans

<400> 7256
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 gtgcacaccg aaggcgaaat cagcgagggt ggtgcatgca 100

<210> 7257
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans

<400> 7257
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 cctcgaggcg ggattgggca tcaatgtatc cgcacgcatc tcggtgcaca gg 112

<210> 7258
 <211> 548
 <212> DNA
 <213> Aspergillus nidulans

<400> 7258
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 tgccatcagc ggcgcccag ggcagaataa cgcgatcggg gccgccataa tggttagact 120
 ggtcgccaaa tatagagcct gctgttccgg gaaggacgca tagaccccag actgcatcgg 180
 aatggccatc cagagttgcc ttgggatcta cctgcccct tcccagact cgtacactag 240
 catcctgccc accggagaaa accagccat cgccaaccgt gcggccaccg ttcgaaaagt 300
 tctgcatgag agagcatgcc gccaaagcag taacagctcc aacgtgacct cgggtgggtaa 360
 agtagctcgt aatatccaaa tcgtaccgg aactcgacgt gtgaccggac gctccgaagc 420
 tcgcaggaat aaaccaccgc ttgatcgttc cgtcatcgtc gcaggtgcat atttcaggtt 480

cagatgggct gccaccgcca gtaaaaatta cggctcggac aacatctaag tgcctcgcga 540
 gggcaaatt 548

<210> 7259
 <211> 732
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7259

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 gcatcagcat ccgttccagg ccaataccag cacctgcatg cggcggcgct cccagcgga 120
 aaccttccat gtactcctcc atcgtgtccg gattaatgcc caccgacgc atgttctctt 180
 cgagcatatg tggatcatgg atacgctggc ctccagagac aatctcttgg ccacgaatga 240
 acatgtcaaa ggagttggtg aaacggggat catctggatc cggcatcgca tagaaaggac 300
 gtgcatcaac agggaaacttg tcgaggacat agtaatcggc cttgtacttc tccttgacca 360
 gtcacctag gcggatttcg tctcgagtac caaggtcctt gtcttcagct aatgggttgc 420
 cttcgtcatc gcgccagcca gattcattaa gcatcttaat accatcgctg aaacgaatga 480
 ttggagtttc atccaaccaa acaaggtcct ccgaaggaaa ttggtgcttg atgatctcga 540
 tctctcggcg gtaacgggta tagataccct tcagaatatt cttgatcaca gcatccaaca 600
 cttccagcat ttcgtgatag tgctcttcga tcgacatctc gatatccaga ccagtgtact 660
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 acgaccgaag tc 732

<210> 7260
 <211> 865
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7260

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 tgggggtcttg ctcacatagc ataccactct tcaagttgtt tccgggacgc ccaaaaggac 120
 cttttcttgg acgggagcct tctttggagg catcttggat ttctttttct tgctggaggc 180
 gaacgggcgg aagtcaagag agaggagagg tgaggagaac gaaacaagtg gaggggcaga 240

cgaaggggag ctcaaggaat aacagaaacg cgataccgac gcaggaccag ctgccgaccg 300
 ggagcgaatg agcaaaacgg ggaacgacgt ggtgacgacg gcccaccgac agcggggtga 360
 acgctgattg agaatgaaaa gtgactataa taatacaggg ggtaaggaag aggctgcaag 420
 aagacctaata acttcaattg agtagtttcg cgccaaaagc gttcgagtcc tgcacgccat 480
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 tcttatacca gtatggtgta gatgggctat taagcctcgc ccaagagAAC agtcaaagta 660
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 aacaggtgca ctctggatta agaggctcct gtttgcaggc ttgattacca ctccttggtta 780
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 gctcccaatc gtatccatag aaggg 865

<210> 7261
 <211> 969
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7261

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 tgtagggaga gacgtgagtt cgctccgtgc ggggtcgcaa gaagcaagag tgtcaccaca 180
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 ggagtggaaa attacggcat tccagctctt ctggagttca ccctgacgac atcgcgaaaa 300
 tattacctac gagactcata tagccaatat ttactgggta cagcggtaac aaaacaaaga 360
 atattttcat aaagacctag atacattgaa ggtctccttt tgaacatcag gcattatcat 420
 tctatatctt tggagaacgg caaggctccc cttttgtctg gtcctatgga gtatgttggt 480
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 ttctcgctgg cgtgctcggg cttgatgcgg aaggtgtggg caccgaagta gtcacgctga 660
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gtgctgaagg cgggagtggg gataccccag agagcaccct tgctgacaac gtttctccag 780
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 tcggggctct tgcggtaagc ctcggtgatg tccttcagga agacggagcg gatgatgcaa 900
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<210> 7262
 <211> 603
 <212> DNA
 <213> Aspergillus nidulans

<400> 7262

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 ggaggccgcg tacaggccgc atgtaggcag ggcattcttg ccagctacgc tgctgacgtt 180
 gacaatggtc gcgcctccgt tcttgcgga cgcgaatgtc ggcaggaatg agcggatgag 240
 gcgaaaaggg ccgaagaagt tcgtttccat ttggagtttg gcctcgatcat ctctgtgatt 300
 gttagccctc agatcccaga gacatgaact ttccctcttc aggagaaagg gctgtcattg 360
 ggcaaaactc acgtcatgtc ctccacagcg cccaagagcg agtaccgca ttattgacga 420
 gaatgtcgat gccgcatat aacgcgttcg cttttctac agtatctgaa acagtatcgg 480
 cttttgtgac gtcgaactcg aggacctcgc cgcctttcgc tttgattgca gctacagagg 540
 aggaggattt ggatgcgtta cggacagtgg cgatgacctt gtggccggag agagcgcgag 600
 gag 603

<210> 7263
 <211> 1139
 <212> DNA
 <213> Aspergillus nidulans

<400> 7263

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 gaagccttga accggccgtc agccagcttc tatccacct agctggcccc tatcacgcca 180

gaaacccccgt ggtcttgaag ttttccatct ttctggaacc tcgctatatt tatatagtgt 240
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<210> 7264
 <211> 1527
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7264
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 aacggacctt gctggaaatg atgtagggtc ttcttcagcc tgtacatcca cgccatctcc 240
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<210> 7265
<211> 569
<212> DNA
<213> Aspergillus nidulans
<400> 7265

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<210> 7266
 <211> 294
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7266

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 gattcaaattg taatgaaatc ggaatgaaaa gccagtgatg ccgagctgaa tcggcatacgc 180
 cgactcgaga ttgagtcacg ggcttggcgt attgcgaggg gcgagacgat cgggatcgcg 240
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<210> 7267
 <211> 784
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7267

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 catcgccctt tttcgggtgg taattgagtt accccgacgt cggattgcgc caagggggag 180
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 acatcgccag tgtgggtaaa gatcgggaaa tcattcagag gctgatgaac cagtccacca 420
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ggtgcacttt gcggtggcac agggcgatcg agcacttggg cctgagaaac catttccgag 540
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 caccggatca ccgcgagggg cgagcgagcg gatagtgaac tcaatataga gtagcgacaa 720
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 agac 784

<210> 7268
 <211> 534
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7268

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 gggaagaatg tcgacatttg agatggcgcc ttactcatg tcgaggtcga attccttcat 180
 ctgtttgaag ttgaaaggga ggatcttctc gcggaatcgg gaaacaaagg ggctgttggt 240
 tgttgagaag acgaagtcag gcatccctga gaggcgttag acatttccat atcgtgggtga 300
 ataggctgga aaggatggta cctcgaaaca catgcgttcg ttcaactaag ccaacaggct 360
 caacctgata cttaccacaca ttatcgcgca gactccgtag gaaatctcgg gcagtaggcc 420
 gtggggggccc gtcttctcgc ctaccaaagt ctggatcgtc tttgaatggc tcattcgatc 480
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<210> 7269
 <211> 1622
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7269

ggaaaatcca ggaacaaagt ttttttatta aaatatacgc aggaataat aagccaaatg 60
 ttttcagaaa aaaaagggtg tccccacggc catttccaaa gtaggttttg gatgaacccc 120
 aaatatgggc cggagccaaa ttaattttta aattgcccaa aaaaccattg gccaatataa 180
 aaaaaaacc taattttcgg ccttttgcaa tttccgggaa ccgggggggg ggttcaaaaa 240

tccccaaagc cccttttttt taatcccca taattttaact tttccaaaaa tccgggtcccc 300
 atgaatgatc caaatttggg ccctaaaaaa ttaccaaacc gtgatcatca actgaagttt 360
 cttctcggca aggccaatta gtaagagtca acctgaatcg ttaagtttgc caacgggaag 420
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 cggaagctgg accgcgtggt gccttgaaat ccagggtgtca acaaaatggt gccattcttg 540
 taaggcaata agaagattca ggactctgca ctggggccat actttgctga accggtttcc 600
 gcatccgaca gtcaacagga attgacgttt tgacaggccg gaagagtgcg ttgccaaagc 660
 caccctccga ccgtcgtcgg cgtaattctc tcacggaaga agatgccatg ctcagatcat 720
 ttgtggcctg atctggatgc cgacatcagg gcgagtgtct cgaccacttc ccgatcggat 780
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 agccgaacaa ggaagtttga aggagatggg gcacgcccct tcgagtgtcc gagcatcagc 1260
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 agcatgatgt tgctgcaccg gaaaatgtaa agctcttgcc cctcctggct ctggctctcg 1440
 taaaggatct tcgactagtg caatttcggc agtgtattgt atggtatatg accgtaatac 1500
 tggtaatgag gtcgagggtc gaccagggtc ctgaatgcgg ccacgataat aactaaatga 1560
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 cc 1622

<210> 7270
 <211> 681
 <212> DNA
 <213> Aspergillus nidulans

<400> 7270

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acgggtggat ttcacccgga agagggtttt ggactgttgg acgaaactct ccagcgtggg 180
gtgcgacatt gctccaagg aatataaact cgggtctcgga ggtgcgggca agagcacaca 240
tgtgttcacg agctgtacac cgtagctgg tgcacgtaa acaggtatgt ctgtgttcga 300
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tggaatgcgt cgtcaagtgt ttcggcacc aggttcgacg gaaaccctgg aaatgtggc 480
ttatcactct taaaccagg cccgactatt aaggccctcg acgaaggga gacgaatgaa 540
tctccaacat gatcgaaatg atgatgagac cagatgatag catcaataga ctcgagcaaa 600
acaccctaca agacggagct ggtcggcaac ctcttttgag acatcgatga ccacatcgga 660
ctctcaagc aagcaagaga c 681

<210> 7271

<211> 931

<212> DNA

<213> *Aspergillus nidulans*

<400> 7271

agaccacggt cggtcattga ccagccagga tttggcgatt acacagcact aatcccactt 60
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cccaggctg gccgagacca ttcaggctga gagtctgac actctagagc ctggccgtta 180
cacgaatcga gggatccacg atcgggtccg cgctccactc ctgtcaatag gccggctggg 240
cccaaacggg cagggttcc tatttttccc tatttttccc attgttcgaa ctacgtcccc 300
attcggaccc ggccgatgcc cacttcgaat ctgctagcac tagcaggcgc catctggatg 360
tccagcatcc ggctggggtg acttcggctg ccctgcaccg agcaagtcac cgcgagaga 420
ttgtcatctg ctgccaatgg ccatcacggc tccttctgg tcgctcgggt gcagtgtcgg 480
gaacgaatct gctatataaa caaagagtgt ttccatccgc cgtctctata catcgccaca 540
gcatcgcatc gcatctcatc ttatcaactc atcgactcac attccaacat ctcatcattc 600

catcatctca aggttgtctt agcttgtctt gccattgaga ccactagggt agacgacttg 660
 attacttgac gacctgaccc agcctaactc tctggctctc gccacagtt gctgccgcct 720
 gccttccgct accgaaccag ctatcagctc atggcgtaga tgtctcctga tcccctgtcg 780
 gccaatcgt cctacgacag cgccatcgac ctcttctctc tcaacactat gatccccgag 840
 ccattccctc tggatatccc caacgacatg ctctgggatg ccaaggagct gccggccgat 900
 ttcctcggtg ccccgacaga catcaacggg t 931

<210> 7272
 <211> 727
 <212> DNA
 <213> Aspergillus nidulans

<400> 7272

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 ttcagggatg tctgcgcttc acgtaattca ccctgtgcct ctcttttagc tcgggtccaag 120
 acctgggtct gatcttttag aatcttccgt attcttgcca tgaattcctc cacatctgac 180
 tgggtccacaa ttgtatcaaa cccgctgatg ttgtagcttc gtgcaagacc tttggacatg 240
 cgctgacgcc tttegacctg gcgctcaaag ttggccttgt cattctcatg ttttccatac 300
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 tccaaattcg attcgagcca ttcattccggc tcgtcgagtt ctactagggtg tcgtttaaga 480
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 atttgagagt agctttcgga ctccctccat gctttgtccg caagttcagc gactcgacgc 600
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<210> 7273
 <211> 1104
 <212> DNA
 <213> Aspergillus nidulans

<400> 7273

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 ggaactagtg tcgtcatttt gctagcagct caaatgccgc ctaagtacat aacaatatat 120
 caaccgtctc cagggtcccta ataagatacc agatatgcac aacattcaaa atctcaaggt 180
 cagttcaaag cgaatggcg gagaacatgt gtgttccccac caagtccatt atcccatgcc 240
 tgcaagacgc gggtacaatg tcctgtagat atagccataa cacgtacgta gctatggcct 300
 ccaaattttt aatcgctccg gggtcaaaga caagttcatg gtctatgtgt agaagacatc 360
 agttagcgga gagcatggac tgtctagcgg atgaagccag aaataatgcc ctctgctat 420
 tcggagggta ctccgtgtgc ctctcccatc actgttcgca gccattccag ctgccagttt 480
 agacatgagg atttccattt ctgacaatat ttgtgaaact agaacccttc ttgagtttct 540
 ctggaactgc tcgagcgact ctcatattgc agcactcctg tcttcatgat ggccattggc 600
 tactcgagaa aatcatcatt tcacttgcag ctctggtgat agagatatc accatgaaaa 660
 tttcttcctc atccttggct gacatttgat ggctctgcat cacaatatat aagacttcaa 720
 attttgctgg aaaatttctt tccttctcta gcatccctgt cctcaataca catcaaattt 780
 cagtactaag tctactaagc ctcccaaagc aaaggtcctc gcataattac caccagagc 840
 tactttgatt ttagctgtgc caagttcaga gaccaatatg tacttcaaca acagcactcg 900
 agctctactc gtagtctgtg ccgtattcgc tgatcatggt tccgggtgtaa gttgcctatt 960
 ctctacctcc cttctatcaa tcactctcat ttagatacag tccatattaa acctttgcac 1020
 tctctagcac cacgtccgct gcgctggcaa agccctcgca gccccacaaa agacttgaaa 1080
 gagcgatcac taccctcgcg catg 1104

<210> 7274
 <211> 730
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7274

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 gcttcagacc ttctttatgt caagcccatc catgagatgt atctcatggt tatttggttac 120
 agaatgtgaa tttctgcgaa gattatttga gtctgccaaa tcgacacact ttttcagttc 180
 tataatacga cgtctatgac acgcttttct tactgtacga gtaaactcgg actaagaatg 240

tcaactggct atattagcgg aataataatt tctagcaaca ttgatctaag gtgctttaa 300
 ttgagccagt acgaggaact aggcgcagta aatccgtttt agcgtatggc aaactacgta 360
 gccctgcgcg ccgtttcggg cggcggttcac gaactgaaac cgcataagagt tctccgccta 420
 gtgtgtttca gacggagact acacgtagcc tgtttgcctc agccccaggc agaatgggtg 480
 tgcgaggagt ggggaggtga atcgaccatt ggattgcca aaaggtgtcg cacgccatt 540
 gccacggcct attcccaccg tggcgagccc aaaatgcgcc gcagatgggt gtgtacgcct 600
 ggtgatgcta tcggcagaga gatcttcaaa agaatgggga agctttcttc tagcatcgtc 660
 ttcctatcca gacaccagag aagatcacia aaaccgaaaa acgtcgattg aatggtacag 720
 cgatattcga 730

<210> 7275
 <211> 1460
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7275

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 tggggtaagt ttgggggcgg ggaaagcccc aaattaaacg ttaagtttta aaaagccgga 120
 tattcaggcc ggacaaggaa agggttgcct ccggtcgggt cgtccaccta agctagccca 180
 ttttggcctc ctaaaaacgt tccttactca agctcaagca aaaaaagcag gtaagtaaac 240
 ttgcgaagta atggcctttc gaaatttgga attggggtag cttagtcatt ttcccctttg 300
 ttgaaattag tggaagggtta aaattccggt taataaaggt cccaaccgc ccaatacaat 360
 cgggcgttct ggatagccgt tttgttttta aaggcagtga aaaaaaatag attgctgtag 420
 agttggatat ctcaagagaa catagcttta tactccgttc ttctctgaa ctaattgaag 480
 aagcaagcac aataccctca ctttttttaa ccctactcat gaagagcacg atactaggta 540
 ctatccataa gggaatatta agccccctca gtaggagaac tgatgccgag gtatgtcagt 600
 tgtgcattta ttcacatgc gcttcaaccg catgtatgtg cgataggcat cttggcctgc 660
 cccaactgga taccaggcgc tactgtaggc agatatacta ttcgctattg cataaattgt 720
 gcagatgttg aactataag cgcacagga agaagctcgg ctggcatagg aattgaatta 780
 acagtgctgg tcggaccagt cggcggatgt atcgcgggac gggagagata catttgtttt 840

ttaccttttg ttcgaaattc gtctatatga tatacgggaat tgatgtattg aaattccagc 900
 tctctgtatg gggaaaatgc atagttactg tcttctaggt cactggcagg gtttggagct 960
 tagatagggc tcggggcaag ggcaccggcc atggtacgat tgaaccacc acatacacgc 1020
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 aatatcatga cgacagtagt ctgcccaggc gtgataagat tacagcaagg cggagaatgc 1320
 agatagacga tttttcgtat cccatataaa gtggctctgc tttcacaata cactaaaaat 1380
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 tgagcagtct atagatagcg 1460

<210> 7276
 <211> 895
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7276

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 tgtccagcag cccatttgcc tgctcctcac tcaactcagct tagtggagga acagccaatt 180
 tcgtttatcg cggcggttctc tctcgacctc ttccaaatgg cagcacaacc gttattgtca 240
 agcatgcgga agaatatctc gcttcaaact cagattttta gctgactgca aagcgatgtg 300
 tatggcttgt cttttctgtc tgggactcag cgtgactaac aacttatagt tagtagagga 360
 agccgccttg cgggcccttg acggcatgca aagcgagacc acgacaaagg aagactcgga 420
 ctttgatcag aaacatcaag taattgtcaa atcgcccaag ctattgcact tcagccgatc 480
 gacatatacc caggatcatg aagatctgcc cgactctgta gacctaaaga ctttctctgct 540
 ctcatctgat atctcgaaa gggctctcaa ggagtgggta ctgtctatcg gccgcactat 600
 aggttccttg ctacgtttat tccacgtctg gagtatacac ccagcgcagt cgaagtttgc 660
 agagcagctt gctgagaaca cggttatgcg ggatctgaag ttttctatta attacgacag 720

tcttgtgagc atgattgatg cataccctga tatectcggg gatagtcata ccaggtctgt 780
ctttcaaaga gttagggatg ctgccgctgc tgagctggag gatgcggaca cccaggacgg 840
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<210> 7277
<211> 525
<212> DNA
<213> Aspergillus nidulans

<400> 7277

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gttgctgaa cctctatcaa atgtggggaa attttcgata gcgaaatcgg cgggattttc 180
agcgtgcccc tcggcaagac ttgactcact actgagtcac ttgctctctg cctatcttta 240
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tgccgaaaca gttccattgc aggaacgcct cgagcgttgg gctcagagge tgcaaacct 360
cacgctctcc ccgctgaccc ggcactatcc cgacaaccag aaccaggagc tacccaagcg 420
ggccatcgaa gctttcgaat cgctcaaact tccaatgag acggcgctcac agtgaagaat 480
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<210> 7278
<211> 845
<212> DNA
<213> Aspergillus nidulans

<400> 7278

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caatggtgac tcgcttgccg tgttccacac tgagtcacgc acctacgcgc ccgataagcg 180
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gttgggcaag gacgtcgagg agtgtcgtct ttccggcacc ggatgatccc tagacttggt 480
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 cctcatcacg atggccatgc tggcgatgct tttccacact ttcacgcggt atcagaaggg 780
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<210> 7279
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7279
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 tgatgtacgt aacaagaagc ttctcgtact ctgagccctg gatcaagacg tacgcttgcg 180
 aaaataatgt cgacaagagc ttgagatccc caacgaccac ttaccaccac aggtcgctgc 240
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 tcatactgaa aaatgctggc gatgattgtg tttttgatct ggctatgcat ttgtgccggg 360
 ttttaacaca ggcacatttt caacctttaa ataatacctg tacctagatg cagtgataat 420
 gttatcgata agaattgatt tccttgaaaa aataggcggg gaaccctgcg cctcctgaaa 480
 tggcctagga gcagcgtgaa agaacagtac tccgtaacgg agtaaactca gcctaattca 540
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<210> 7280
 <211> 1308
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7280

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cacacgagat atggtaactt atagtcgaga gtgcgtcaaa aagtgtcttt acaagtcaac 180
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cggccatcaa ggctcatcag caggctctga aacaggtgga agaatttggg atgcttcttg 300
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tctcaaagct agtctcaatc atcgtaagga gcgctggcgt gcttttagat cacatatctc 420
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cgtggcgcgga gaacccttcc cgagggggag aaatcattct cgcaagtctg ccttttactg 660
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aaagagtacg ggtaacaga ttttattcag gataaagctg actggcgat aggttagcag 1020
aaccagaacg gggacaagca atactgtctt ttaggcatta gaagttgcta gaagtacgcc 1080
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ccggaggaaa ttgattgacg aaccatcttc attctctctt ttcacgtaa cgaactttgt 1260
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<210> 7281
<211> 1106
<212> DNA
<213> *Aspergillus nidulans*

<400> 7281

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 tcaggggtgga ttogaactgg gcaatgcgct cagcatgctc aattcgtttc gcctcttcct 180
 tcttgcgagc ttcccggcga cgtcttctcg cggtagcact caagtaaccc cttttacat 240
 cggcaaacc atccttgatt tcctgttctt ggatagccaa aacggccgaa atatcggcga 300
 cgctggtagc cttttggtcc atgacagcac gcgcccggtc cttcttctcc atcagccagc 360
 caattttgtc gttgtattta tcgtcgaact ctttggcctc ttccgggctt cgcgccgctt 420
 tcctgctcag aaattcctct gtgatgggga tcatttctcg tggcgggtct agctggcgct 480
 gcatggaaaa ttcacggagg agatgggatg cgcgaagacc gaccttagag tcgttaaagt 540
 ggacggaaaa gtagggaacc cacatgtcct ttcggagggt cgctgggacg gtctttttac 600
 cgtggatatag cagttgacgg aggacgttgt ttttctacag aaaggaacga cggcgctcagt 660
 aagaaaagca atatcggtct gaaaagatag cacttacctc caggtatcgc gtcaacgaat 720
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<210> 7282
 <211> 997
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7282

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 gggaagagct ttgtccaata gaacaccaac gtcgcaatat tgacatcctt aagtcaacgg 180
 ctgggcgtgg gagacgctat ctggacaaaa gtggcccata ggaattgtat ggtgcaagac 240
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 ccgcggcctc gacttcacatc gagaagtact tctcgat 997

<210> 7283
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 7283

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<210> 7284

<211> 975
 <212> DNA
 <213> Aspergillus nidulans

<400> 7284

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gcagccagct cccgg 975
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<210> 7285
 <211> 1112
 <212> DNA
 <213> Aspergillus nidulans

<400> 7285

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ccgcgggtat aaggaggacc ttcttctcgt ctttgcatag tgccgatata agttcaagtc 180
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tcaattccag ttctgacctt tctttcatcg tctactcca ttgcaccggt acctgggggt 240
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 cacagaatca attaaggaag ctgaacacgc tttcgccaga ctcgagccgc tccctccgtc 480
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<210> 7286
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans

<400> 7286

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 gactgctcgg acagatcgat gaccacgcag acttctcagc ctcccagcca ca 112

<210> 7287
 <211> 992
 <212> DNA
 <213> Aspergillus nidulans

<400> 7287

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<210> 7288
<211> 977
<212> DNA
<213> Aspergillus nidulans

<400> 7288

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acaacgtcaa caatctttta tttcaaagtc agattcaatg atcaaagcca agggccatca 300
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aaccgctcac cgaggggccc acggtatgcc tgatgggtgt cggccaacg tcccctccct 420

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<210> 7289
 <211> 430
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7289

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 ggacaaacgc gtctgaagtt gatttaggcc atttcccttc ttcctttttc ttgcaatgta 240
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<210> 7290
 <211> 402
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7290

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tcttttttgc tggttaacagc gtctatgtct atacctgtga tccctgcaa attgcccacg 240
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<210> 7291
<211> 591
<212> DNA
<213> Aspergillus nidulans
<400> 7291

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<210> 7292
<211> 357
<212> DNA
<213> Aspergillus nidulans
<400> 7292

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ggcaatgttc aggacatact catggtaa ac agaaagtacg tattctggga gttctatatt 180

tatatttcgc aaaatctggc catccaactt tagggacggt ggcaggagga agcagggcag 240
 tggctggtcg agcttagacg aatcagtctg aagacgtcag tcttggcagt cagcacccgc 300
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<210> 7293
 <211> 640
 <212> DNA
 <213> Aspergillus nidulans

<400> 7293

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<210> 7294
 <211> 755
 <212> DNA
 <213> Aspergillus nidulans

<400> 7294

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cagccgtgca agccggcgtc aaactctatc ttatcgacta cggcatgttc tgcgccgagt 480
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aggattatga agagaaaagg gagatatctt cggccgcccc agagctcgta gcgaaaacgc 660
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<210> 7295
<211> 835
<212> DNA
<213> Aspergillus nidulans

<400> 7295
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<210> 7296

<211> 941
 <212> DNA
 <213> Aspergillus nidulans

<400> 7296

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<210> 7297
 <211> 760
 <212> DNA
 <213> Aspergillus nidulans

<400> 7297

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gtagaatctg gcatcctgcg ccactcctc taatttcgcc acatgctcta gcttcgaacg 240
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<210> 7298
<211> 779
<212> DNA
<213> *Aspergillus nidulans*

<400> 7298
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<210> 7299

<211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 7299

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<210> 7300
 <211> 388
 <212> DNA
 <213> Aspergillus nidulans

<400> 7300

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<210> 7301
 <211> 587
 <212> DNA
 <213> Aspergillus nidulans

<400> 7301

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<210> 7302

<211> 100

<212> DNA

<213> Aspergillus nidulans

<400> 7302

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<210> 7303

<211> 1376

<212> DNA

<213> Aspergillus nidulans

<400> 7303

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<210> 7304
 <211> 1004
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7304

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<210> 7305
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7305

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<210> 7306
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7306

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<210> 7307
 <211> 1052
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7307

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<210> 7308
 <211> 568
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7308

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<210> 7309
<211> 577
<212> DNA
<213> Aspergillus nidulans

<400> 7309

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<210> 7310
<211> 925
<212> DNA
<213> Aspergillus nidulans

<400> 7310

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<210> 7311
 <211> 482
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7311

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<210> 7312
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7312

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<210> 7313

<211> 664

<212> DNA

<213> *Aspergillus nidulans*

<400> 7313

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<210> 7314
 <211> 439
 <212> DNA
 <213> Aspergillus nidulans

<400> 7314

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<210> 7315
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7315

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<210> 7316
 <211> 560
 <212> DNA

<213> Aspergillus nidulans

<400> 7316

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<210> 7317

<211> 747

<212> DNA

<213> Aspergillus nidulans

<400> 7317

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gctttcctcg ctttctctgc cttgctttgt ttctgcgctc ttcggttctc ccaagcagca 660

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<210> 7318
<211> 115
<212> DNA
<213> Aspergillus nidulans

<400> 7318
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<210> 7319
<211> 707
<212> DNA
<213> Aspergillus nidulans

<400> 7319
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acgcccctag ggacgtgttc acggacgatg aattgctaaa taggcccttc gcgctttata 180
aagtacgtaa gggcaagctt gtctctgcta atgagcgccg ccgcagtcta gaggatgcca 240
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agcaagatat gcgtaaagca gcgattatat ccagcggagc ggccacacat gtgaggcgag 420
cgcgtagccc aagcgagcca agcatcgaca gcggcagtgg tagcaacgca tcaagcgtag 480
cgctccatt tctgtccca atccggctca gctcgaggaa attccctcaa accgggagcg 540
atggacgcca gagccaacg cccacgtctc gcaacttctc tgatcgcccg cgcccgagca 600
ttgttcgccc tcttacctg cgacgtgtac gaacggcggc tgccatgtct caaacggagc 660
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<210> 7320
<211> 679
<212> DNA
<213> Aspergillus nidulans

<400> 7320

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<210> 7321

<211> 499

<212> DNA

<213> Aspergillus nidulans

<400> 7321

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gtcctggcat gactgggga 499

<210> 7322

<211> 702
 <212> DNA
 <213> Aspergillus nidulans

<400> 7322

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<210> 7323
 <211> 664
 <212> DNA
 <213> Aspergillus nidulans

<400> 7323

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caatgaggga gagagaatgc gcagaaatat aggatcctac tcacgtatag aattcgagaa 420
aacaagggac gtatcatagc tcctcctcga actcgactag tcgcgccaat ggttttgctg 480
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ttctgtcatc aaatgtagtc gctctctggc tcgatccaga gaccatgcag atacagttgc 540
 tcatctgtga tggcattgct gggatgccga tgtgactggg gcgaaattat cctccataca 600
 gttaagcaca ggaaagcaca gcagaaacgg ttatattgat gcagtttctg acacggagtc 660
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<210> 7324
 <211> 465
 <212> DNA
 <213> Aspergillus nidulans

<400> 7324

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<210> 7325
 <211> 627
 <212> DNA
 <213> Aspergillus nidulans

<400> 7325

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 aaaaaagaaa agaaaaaccc ctaataagag ggggggggga aagggctctc tcactactat 180
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<210> 7326
 <211> 1041
 <212> DNA
 <213> Aspergillus nidulans

<400> 7326

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 acggcgatgg ctacaggac ttcaacacca attacattca ggctgccgat gcagccagcg 960
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<210> 7327

<211> 116
 <212> DNA
 <213> Aspergillus nidulans

<400> 7327

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 caaacagaaa gaacacgagg catccctgta ttattacaaa cggacgtaga aaagta 116

<210> 7328
 <211> 860
 <212> DNA
 <213> Aspergillus nidulans

<400> 7328

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 ggtgccgtat tcggtgccgt ggccgctctc cttataacag tctgcatccg tcggcaccgg 180
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 aatacgacac tgactgagat tctggatcgg gtgcaaactg cagtgcgaagc tgagcccgcg 660
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 tttctctctc cgcccccca gcaactgggg cgaggaaac agttacctta ctgaggggtg 780
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<210> 7329
 <211> 587
 <212> DNA
 <213> Aspergillus nidulans

<400> 7329

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tgcacctcgg tgtagagtcg atatgcttta ccagggcctg ttcgaccggc tcttcagaa 540
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<210> 7330

<211> 734

<212> DNA

<213> *Aspergillus nidulans*

<400> 7330

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gaggactggc tggggaaagc tttgacgggt tatcagacaa ggcgcattga gaagataagc 180
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734

<210> 7331
<211> 806
<212> DNA
<213> Aspergillus nidulans

<400> 7331

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ctccatgcta ttttctctct ttacatttcc ttctcaacc ataacatccc gcaccgccgc 180
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<210> 7332
<211> 519
<212> DNA
<213> Aspergillus nidulans

<400> 7332

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gagataaacg gcgccgggca ttgtattatt tttattcagt agtcacagca acagtgggtga 240

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 agtgtttggc agcactgtat ctagctatta cgcgagcgtt gccgtaaggt tgaggtcgat 480
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<210> 7333
 <211> 572
 <212> DNA
 <213> Aspergillus nidulans

<400> 7333

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 ccgcatcgct gtcctcgaat gtgacacccc gcccgatcc agcaacgcca aatacggcgg 180
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 ggacatcaga tcattggaag agccctcggt gt 572

<210> 7334
 <211> 150
 <212> DNA
 <213> Aspergillus nidulans

<400> 7334

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 tagaaaagct tagttaaaat cacatttgcc 150

<210> 7335

<211> 363
 <212> DNA
 <213> Aspergillus nidulans

<400> 7335

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 gctgcttggg cccaagatcg gtgccagata ttaatatcag ctgggaatgt agtgggatta 180
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 ttcaaataaa taataagaga gtatggataa aagggatctc gggtagaaag ggccagatta 300
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<210> 7336
 <211> 1050
 <212> DNA
 <213> Aspergillus nidulans

<400> 7336

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 cagactatat agttgtcaag atattgtgct atattacaac tctatattgg ctagtagtaa 240
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<210> 7337
 <211> 752
 <212> DNA
 <213> Aspergillus nidulans

<400> 7337

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 cctcccggtt tctgactgca actcatgctt caatcctcga gtggatccgt tctgagcgta 180
 tgagcttggt gccacctgag ggaagtgatt acgataaggt gctggcctgg gctcagcttt 240
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 acaacggctt cggctctctgt caacatttac cggactttcc ctggccagat tcaaaccttc 660
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<210> 7338
 <211> 736
 <212> DNA
 <213> Aspergillus nidulans

<400> 7338

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<210> 7339
 <211> 502
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7339

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 gggcgagga ccctggaacg aaccacgatg cgacgtcaca gcctaccgat tacattgcct 420
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<210> 7340
 <211> 285
 <212> DNA

<213> Aspergillus nidulans

<400> 7340

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cagctgtcta gagccggtca gctgctcctg gccgttcgcg ccgtcgcgcg gcccgctcct 180
ctccttactg cctcggcgcc ccgcccagtc cccctgtctc tgaogcgaag ggtctccgta 240
ctcgaatctc ctcggtgtac ccgtttccag catgcgggat tgccc 285

<210> 7341

<211> 425

<212> DNA

<213> Aspergillus nidulans

<400> 7341

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aggcttaaat attaatttta gtaaaattat aataatcacc ttccagggtt cctgggaaat 120
ataataaaaa tataataatt ttattaaata aatcttttaa tttaatactc ttaattatga 180
gtgagctaga tattttctta atctatatat tcttaatctt ttaagcaaag tctatatata 240
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atctaataaa tatagtacag ctctagtata tctataaata ttctattttt aatagtagct 360
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ctagt 425

<210> 7342

<211> 1042

<212> DNA

<213> Aspergillus nidulans

<400> 7342

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agactgaagg aaggagccgc atgcgactac gcattgtccc cgacgacaca aaggagagac 180
aagactatca accgaaacgc aaagcatcgg aacctcctgt tgttaagggtg gacgcatcag 240

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<210> 7343
 <211> 606
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7343

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 gtccccaaga tctcatatac gctcttctgc ctccgcgaca gcatcacaat ctgcgcctcc 180
 ttcaacatcc ctgccctcat cgcgccctca ataccagact ccatcgctgc aacccccgca 240
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 attgtgccgg cgtacgggat aggtggtgtt gtcaatgtca ggatgcgcgc ggagttaatg 480
 ggggtggttg agggacttga gcccgcatct gaccgcgcat tacaccatt ttagtccgtg 540

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taccat 606

<210> 7344
<211> 550
<212> DNA
<213> Aspergillus nidulans

<400> 7344

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ttgcgtatca gactctgttg ctgttggtgc tggaagaaac cccatgtttt gtogattatg 180
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ttcgggatag ccgcccata tgtggtatat catcatcgcc cgccgggaca ttttgactct 360
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tcattgcctg 550

<210> 7345
<211> 1360
<212> DNA
<213> Aspergillus nidulans

<400> 7345

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cgtcgctgct ctcttcacgg ccttctctgt ttatcgcttc agccgcggct cctcttggtt 480
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<210> 7346
 <211> 867
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7346

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 aaaatgcctc cccacataa gccactgctg gttccgtgaa gaaattgtca gccgctcggt 180
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gagtcatacc accatatgag tagaacagct attacagttt cagtatgtga gagttgtttc 480
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 gttcacagag gtgaaatagg tctattgcta atgtaaacad ggtttagcag ccaggactgt 780
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<210> 7347
 <211> 895
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7347

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 gtggcattga agtcggctgt aagggtgaaga tcacggcctt tgacataagc agtgcggaag 180
 aggtaaccgg ctttaacgat aacagatgca gcaaccgcct tctcgggtggc ataagggatg 240
 ctgggtctctg taccgagctg cggcacccaa taattgtatg ccgagtttcg gtctaacttg 300
 tcagtcacta tgcgcataat tgcctggggc acgtaccgag aaggaatatc ttcaagtctc 360
 cgatctgaac aatgcgccga gcaggctcaa cgtcccaagc aactacgacc gcaccgogga 420
 tttgcttaga agaaatgcc gaacccaatc cttcgacgac cttcactttt gccttagagg 480
 agaccgcaag ttcgtggtgt tccccaggtc ctccatacaa cacaagaact ttgccgtcgt 540
 ggaacttctt ccatgtgaat acttcggogg ttgagtacag aattttcgta ccagcgacgt 600
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 gactgctata gtcgctgtgg cggagtacga agaaagagcc ggtgccgttc ccgagcaatg 780
 gagtcacagt taggtcggct gtattggtgt aagtcgtgtt cgtaatttg cctggggctg 840
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<210> 7348
 <211> 566
 <212> DNA
 <213> Aspergillus nidulans

<400> 7348

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atgtttgttct ggagctgcta gaagatttga agacggttgc ggacgaagcg ggtgagaacg 180
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ccgcccttcc gacacttcag cccctcgtt catttgcgaa ggagtcggat catgtgcagc 480
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cagaccaacg cgagtctctg ctttcg 566

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<210> 7349
 <211> 603
 <212> DNA
 <213> Aspergillus nidulans

<400> 7349

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ctg 603

<210> 7350
<211> 658
<212> DNA
<213> *Aspergillus nidulans*

<400> 7350

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cattcttgaa gatgttgcac gtattgattg gacatcaggg ctaggcagaa atgattgcga 600
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<210> 7351
<211> 408
<212> DNA
<213> *Aspergillus nidulans*

<400> 7351

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408

<210> 7352

<211> 800

<212> DNA

<213> *Aspergillus nidulans*

<400> 7352

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<210> 7353

<211> 1051

<212> DNA

<213> *Aspergillus nidulans*

<400> 7353

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<210> 7354
 <211> 984
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7355
<211> 716
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7356
<211> 559
<212> DNA
<213> *Aspergillus nidulans*

<400> 7356

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gatgcagcag accccaggct cttggatgtg ctgcagcgga ttgtaggcag gttcgagcag 180
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<210> 7357

<211> 662

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7357

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<210> 7358
 <211> 659
 <212> DNA
 <213> Aspergillus nidulans

<400> 7358

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gaatagagtg ggcgaggcat aaacatcctt tcacccaaac cgaccgccct gatttctgct  180
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ggtaagtgcc gagtggcgta gttgcagtga cccagactt gacgttgatt aatccacttc  300
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tttgcacctg ctttcaccgt cgatgagcgc cacccttac atgaaaagga ctgaggtagg  540
acatttcagg ttgaccgtca agttctgagt tgtaagtatt ttctattgtg gagggggtgg  600
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<210> 7359
 <211> 1000
 <212> DNA
 <213> Aspergillus nidulans

<400> 7359

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gtcgagggtg atcttgcggc cgtcaatctc gtgttccttc atggcctcgt aagccttggc  180
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agaactctcc gagctgtcag agtcagaatc agactcttcc ttggaggtct tggcgctcgcc 540
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 gggttcagcc ttggccgatt tagcggggtt cttctcctcc tcaactctgc tctcgctatc 780
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<210> 7360
 <211> 487
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7360

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 tgcaagaggc tgccacgcac acggtgcatc cggatatcac accgccagac cgcgctacat 420
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<210> 7361
 <211> 506
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7361

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 agaaatcgtc ctcgtcgaca ccggcacccg caccacagcg gccggtctcg gttgaagagc 180
 gcaagaacca gatggcgcaa cttgcagagc tgggagttgc gatacctgag gagtatcgga 240
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 gggggtcggc aacgcggcg tctcctggcg cgaaagatga ggaagatgat atagatgcgc 480
 tgttgccgtc tacgaaagaa gtgaag 506

<210> 7362
 <211> 592
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7362
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<210> 7363
 <211> 1105
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7363

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 tcgacatcga tgcaatccgc gcatttgaac aggagaattc agtgatcccc tcacccaat 180
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<210> 7364
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7364

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cagcaatata ggagaattgc ttctcgggtgg ctgaactggc gggttcaatc gatgagtaga 300
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<210> 7365
<211> 108
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7366
<211> 502
<212> DNA
<213> *Aspergillus nidulans*

<400> 7366
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attattatgg gcagcttcaa cattaggtgg ctcaattcag cctggagtcc ctgaatgatt 180
taagcgggca tcattagaaa taatggcatt atcacctgtt ttagagtta tgcttagtgc 240
taagaattga agagtctgtg gcaccccttg gtttcgagag gcatgcaaga gctgccattc 300
gacctagcca tgcaccctcc atcctcgacc atcgaatcac cagcagcaga attagagcat 360
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<210> 7367
<211> 1206
<212> DNA

<213> Aspergillus nidulans

<400> 7367

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<210> 7368

<211> 843

<212> DNA

<213> Aspergillus nidulans

<400> 7368

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<210> 7369
 <211> 376
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7369

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 gatcaagtta tgcgtaacga ggatctgggg tgggacgaaa gacggttgcg cccagtttat 300
 gggttccatg tcatagtaag aacaaaatca aaattatata cacagctcac aacatatata 360
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<210> 7370

<211> 535
 <212> DNA
 <213> Aspergillus nidulans

<400> 7370

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<210> 7371
 <211> 442
 <212> DNA
 <213> Aspergillus nidulans

<400> 7371

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<210> 7372
 <211> 598
 <212> DNA
 <213> Aspergillus nidulans

<400> 7372

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tatctagacc ttaaagatat atatttataa ggtagaagat taattcataa ttacaataat 180
ataaagtttt actattaaga ctactaggat ttactattta ttattattat tattcctata 240
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aagatcttta atatataacc tttcaataa agactttttt tatagttatt ttattcctaa 360
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tatagatttt attatagatt ttgatataa ggtaataaa aaaattttta aatagatctt 540
aactgatcta tattccagct ctctattaaa atattactct aaaaagctaa aatatata 598

<210> 7373

<211> 489

<212> DNA

<213> Aspergillus nidulans

<400> 7373

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gctccgtat 489

<210> 7374

<211> 1241

<212> DNA

<213> Aspergillus nidulans

<400> 7374

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tgccatccat attcccagtg actcatcgcg aatcttctcg gaatgaatgc cgtgggttca 1080
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<210> 7375

<211> 821

<212> DNA

<213> *Aspergillus nidulans*

<400> 7375

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 cagtttcact gcattcgtct atgcttattc cccgtctttg cctcccggat ggtagattaa 180
 gctttgagaa gctgatctct tactggtttc ctggctgaaa ctgccgtgct gcagatccga 240
 tccggtctat ataatcgggc tgtatcttga cactcaaact ccaaaccttc atcttatatc 300
 cttatctttt ttataattct cttatacaat acgttagatt cttataccat agacatcatg 360
 cttcttgaca ctactacatt tcacaatgtt atcaacggcc agttgacatc cacggccact 420
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 gccaaagacg tcgacgacgc tgtctctgtc gcaaagactg cttcaagtc atggtcgcgc 540
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 aaggaggctc tggcggcact cctcaccag gagcaaggga aaccgctcga ccaggccgcc 660
 gtcgaggctc gcattggcgt cactggacc cggcagttgc ccacgattga gatcccgaga 720
 acgtcaccag gataaggagg agtgcggtac gtccagcggc acacgccgct cggcgtggcg 780
 gcgctattgt gcctggactt cccgtctgct ggagtgggaa g 821

<210> 7376
 <211> 447
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7376

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 cgcacctggg taaagaatgt gggcagggag gtcgcgcacg caacaataat ggcaacgttc 180
 atctcgacta ttctgcgaat gattgttagc actgcggctg gggctgtgga ctgaggggttc 240
 gttgtcttgc aacgtacgag aactctgcat ttgcacctg gacccaaaaa gtatctgtat 300
 tgttgtagtg gatggaggcg ttgatcagtc gagctagacc ggctgcacag gcgctgcaag 360
 tccagaggtc aaatcagagt gcgtccggtt tccgatcag atacggccat agagcgcaac 420
 tcaccccaac ccgcttgcaa aaactaa 447

<210> 7377
 <211> 1258
 <212> DNA

<213> Aspergillus nidulans

<400> 7377

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ctttcgcccc aataccatcg acagagacgg tataggcttg gctgcttggc taggcagaga 180
tccagtaata gtaacaggat cagagggagg cgggtaacga ggagcggcct ttgtaagcac 240
tggcaaagca gtagaccgat acgagtctcc gagagaagat tccaagactg aagccatgga 300
gggagtatga tggaccgaga accaagaagt gccggctggt tcggatggtg ggaaaaggtc 360
ttccgagtag ctctcgttgt cgggaatggc ggagcactgt cgaatgggct gtggtgggct 420
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ggaggaagtc cgaagggggt cgcgattggc acttgcgga accacctcgc gctcgtcagt 540
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aaaggtatcc tgagacatgt tggggaagat gtcaaaaaga gactgtcggc ctctaacata 720
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tcatctgatg gctttccata ggtcttcatt cgcacaatac tccaacacat ggtaaagggt 1140
agtagctgtc ttcaagtgcg ggacaagcat ggacaatatt aggatgatat gcgagggcgt 1200
ggtgacaatc aagctcctca taccggctat agcctggaga acggtttcat gaatcatt 1258

<210> 7378

<211> 162

<212> DNA

<213> Aspergillus nidulans

<400> 7378

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acacgttgta ctacgctagt ccgacgaacc gtattgatca gccgcagttc cccgaatttg 120
cgatctgcag ttgcccgcca ctaagcggca atgcaactcg gc 162

<210> 7379
<211> 792
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7379

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taacgtcatt caatattaat actccgttaa caccaccaat tctctctttc tgatcccgtc 180
tgatcgactg ctctgggtgt gtcttagttt agccttggtc aaagggtata tactatttct 240
tgttttctgt actttgttca agtcttatcg tgtacagcaa gatgaccata ttcgctggtg 300
cctgccagtc tttcagacca tgaacagcgc ctttactgct tgactattgg actcgaatac 360
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tctgcgttc ctgcctcttc cgatccgatt tcgacttcat ttctcccaa catggatacg 480
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ctagagtgtc cgtactgcag ttcagagttc acagaaatag tatgcgtctt actcactttt 600
acctatgcta gactgacctg cgcagattga aatccctccc gatacagacc ctgagccctc 660
gccctcgccc tcgccctcac acccacatnc ggatcccccc gagtcctttc caggccagcg 720
ttcgccgacg ccgtcttcat cgaatccctt tgcagaccac aacccttggg cacacacgga 780
tgatattgat ga 792

<210> 7380
<211> 545
<212> DNA
<213> Aspergillus nidulans
<400> 7380

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cgtaacgata cgcacaactt tgcgctcaac cggacctttg ctggtcgccg gatcgccaat 180
 ttgttcgcag atggcaacgg actctccctg attcaccagt ttggcgagat agttttccac 240
 cgcattgtag ggaatccccg ccatcgggat cggctctccc gccgaagcac cgcgtttggt 300
 cagtgaata tccagcagtt gcgacgcgcg ttttgcgtcg tcataaaaca gttcataaaa 360
 atcaccatc cggtaaaaca gcaggatctc gggatgctgg gctttcagcc tgagatactg 420
 ctgcatcatg ggcgtatggg cgtcgaaatt ttctattgca ctcatggggg tatgtccggt 480
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<210> 7381
 <211> 491
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7381
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 ggcgcgttga agtaaggaaa gaggctcgtt ggaagatacg ggcattgaaa tttgcgagag 120
 gtctttgccg acgttcttgc gaagaaaccc aatcaagcta ggcggcatca ctgtcgggtgc 180
 agggatgtta ttccgccgag gaaccgtgtc gattggcagc ggagtaaggg tttttgggtcg 240
 cgctgggaat aatggagagt gttggctcgt cgcagcaccg tgcccccgcc ttccgtagaa 300
 tcatcgtcgc tatcggacgg cgcacgtcga gcaacgacat ctgcttgggc atctgctact 360
 gtatcctcgt cgctgtcgcc tttgatagtg agcaattgag aatcgggtggc gtcgaccgag 420
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 gggggctgac g 491

<210> 7382
 <211> 799
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7382
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aaaagtaccc cttgtagata gattgttacg atacttgcgg ggaatcacga ataccccaac 180
 ctaatgagga accgtaaccc cttgctacct gccagcacc acaaatatgg caggtttacc 240
 gttagggaga cgccccacgg tacgcacgct cgctcgccag gagctcacgt gggagcccga 300
 gcttttcgat ccgccgtccc cggcgttctg gaacggccgc ggcccctgct gagatgtgtc 360
 cgtccacagc tcccgcccggt tatctcaata tctggactgt caaatgcagc acagttctgc 420
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 cgcattgacct ttggagatta ttccgggtat ccttgcccga agaagctcca atgccattga 540
 tggcattgga gatgacgttt caattgcctt gtacacaatg cggatcgccg atagaatacg 600
 tgattatttc agcatgatcg catatgatcg catcgatggc agcgcacga taccctgcgt 660
 atagccgtat gcggaagtga aggtggaagg tcagctcgac cgataagtgt ggggtaaaag 720
 ctgtcggggc agagggaccc agtcgaaaaa ggaatacgag tcgttgagag caagactcag 780
 aaacagtaga accaagtcg 799

<210> 7383
 <211> 802
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7383

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 aagatcttcc gagagctctg ttgcttagct ttaacgttaa ccaatgggtc agcccaagga 120
 gagacaagga aaccaatgta gaaacgcctt tcagggcgga catgggcctt gttctcgtgt 180
 aaataattct gggaactact actctatttg cgaccagtct caacgagatg aggccaagtt 240
 ttattccttt gcactcgggtg ccaacgcggc ctatcaatga gagcggttca ccctggacag 300
 ctatgaggat agtaattaag ctttttcaaa aaggtagcat tgcgaggata gcaggttgca 360
 agttctcgag ctgtccaggg cccgtcaaca aaagacacgg ggcataatga tggcgacgaa 420
 accggccacc cagcgacctt accaccctg atcctgattc tgcgtacaag aaatgaaacg 480
 gcacacgcga agaatactca gtctgtatat tgagttagcc gccgtgcgtg ccgtcccaga 540
 ccaatatcat ccttgttcct gaggcaggac ggcaagagga gcaacggcac agaaaagacg 600
 caagggcgac gaccaggag ttggattgca ccccggtagt ctagaagcca agccgaacag 660

catgattagc tgcgaagtaa cgtctttttc tgtagctgct ctctggaatc caggacaagg 720
 ctattgtcgt gattaggaga tttcgtgccc tgtcaggact agatcccaca atcagcaggg 780
 gaagctaaag ccgtgattcg cc 802

<210> 7384
 <211> 644
 <212> DNA
 <213> Aspergillus nidulans

<400> 7384

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 caacgtcagt agtcgccttc ccgtgccgtg tggagatcac gtacctcgcg gtgattaata 180
 ttctctcctt cacagagtag gacgtaacag ctatcgcacc cagtaaggcc aacgcagcaa 240
 tgactgtcat ttgcttgaac tgggtgtcgc ctaaagcagt cccaaagata ctgacgggtgt 300
 caatagatcc gattacatat ccaatcagct ggccaaccgc cgtcatccta gtagcttccg 360
 ttttttagca tcgctcctag attcatgaca catatgccga cataccccac gcggacccag 420
 cttgttgcca gggatatagg aacgtatcga cgattaagct ccgagcaca gcttgtacta 480
 gatgctgtta gagaatcgtt tatgttcatt gttgtcggaa aaccaccga cgttgatggc 540
 gaagtcaaca gcgtaaatgc tgagcacggc gagagcaatt gtgacgcttg cagcctagga 600
 caagatgcgg agtcagccat atggtaacta aataattcag acaa 644

<210> 7385
 <211> 379
 <212> DNA
 <213> Aspergillus nidulans

<400> 7385

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 aaatatgtga cattgtaacc aagtctccat ggggccatga aactgagtt gttgtagtat 120
 tcattctatc tgtccgactc tctgggagct tcgcctcgat aatcgccata caccatgact 180
 tcgcaacaag ctgtaccgtg gcaactggggc tccgcgtcag cccgtacgac caaggcctcc 240
 tgcagcaggg taatgagcgg cacaagaac tcttgggcca cgagctactt gtgtccacga 300

tactgggtga gattagcctc tcgacaaaca tgctgttcat gcaaaagggtt cgtcaggaat 360
 taagcgctgt cgagaaggc 379

<210> 7386
 <211> 1016
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7386

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 cctgaatggt caagcaatgc gactcatgct cataccgtgc gatcacaagg tccacttaca 180
 tagcctcatt cgattctaga aaaggccttg cgcttcacta gctctggtga tggcgatggc 240
 tccgcgtaat cccatcaaata gttctgagtt gtaggcattg ttgttcaaac aaagcggacc 300
 caacataatg tcgtcgattg tgaataatgc aagtcttggt cgctgacaga gaagcaagtc 360
 tttttcaaac actggaaact tcgctggaca ggctcaacag actgttccag cggagatgag 420
 tgccggtttag agtcgaagtt gacagagcat taagagaact tctactgctta ccacaaggcc 480
 ggagtaagct gcgagcagtt agtgatagtc gtgtcgtatt ttatatattg tggctgttat 540
 cgcagggcct cgagcggtac actaactcta atttccttct gctggttggt atgatttgga 600
 tagaatcaat atgcgacttg tggttgagggc gaatttcaca ccatgctagt aatttcgcga 660
 cagagtcttg gactcttgat tgatcctggg cgcaatatta ctccgtagtg ttgttacaaa 720
 cacttcgatg aagcctgaaa tagatctcca catatggaac gaactagcgg cgtctcactc 780
 cgtttttggc ccagacagac acgatggcta tggcatgccc acaaaccgct agttaccgcg 840
 tcggcgagga caattacgcg agtagtcaca gcctacaggc gttctaggtc tggatctaata 900
 actagaaaag aagttcgtgt ggatcatgct taactgcttt ttgacgcttg aaacaaatgg 960
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<210> 7387
 <211> 769
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7387

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 aaacaaagtc ggtgaatcgc ctccgcacgg tgaagtcagc cttctgaaag gatttgaaat 180
 cggctctgatg gttccagtta acgcctgagc ttgaatcttc actaggcagc ggtatagctt 240
 ggctaaggca ctccatgtgc acttacatgc gtcgtaacca ggtaacgatat gtaggcaccc 300
 tttgtaccat cattctcctt tattggagtg tctacccgac attctaaaac tccatctccg 360
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 ctcatcctcc gcttgccatt ggggtcgcga cgagtttcag gtgattctgc ggtatctgtt 480
 ccagatgttg taggtcgaga aatatcgctg tctgggccat ggcgccacga gacgctatca 540
 aagtcgtcat gatccatggg gaaggagagc ttcaagactc tcgataagag tcaaatacag 600
 taagcgctac cgagaagcta cagaaaaggg caacgaagga gtgaatatga aagtcaatat 660
 tggtagcgag aagtattgat tcaaaagtag gaagcaggct caggctggtc ggtcggattt 720
 gtcgatgtcg tggggagttg cggaggtgaa gttggtcaat tgggatggc 769

<210> 7388
 <211> 684
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7388

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 cgtccattct cattatcttt cttgtttgat ggttccatat acccggtaat cgtttgtatg 180
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 tttatggttc tggagtatac ttctgttcg gttgacctgt gggaagcttt gctgtcagca 300
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 aggatggggc cacggtaatt gagtagcact ccatccaacg gattacgaag ggggggtttc 480
 aaattatagc cgtagtcaac cgcaggagat atcgactgt tgtgaacttg taacaggagg 540
 ccatcaagga gcgtgacagc gagggatata ctctacctaa taatagtgc accgtgaatc 600

tcagagcaag ggagcctgga ccgtgactaa tatcatgtct gtgcaggaat gcgtatacat 660
cacctggact gcttactcaa ggaa 684

<210> 7389
<211> 841
<212> DNA
<213> *Aspergillus nidulans*

<400> 7389

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caggaagagc gcaaaccact cgcgaaaatc gacggtgcta cgatcgatgt cgatgcaata 180
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aagcgcacct acaagttcgc gggcgagatg ataacagagg aaaaaattgt ccctcgcgat 420
tccgccgaag cgaaaactctt cttatcgggt aatggcgatg gcgaagtcac accagttact 480
gaagatgaag tcgcaaatat gactggcaaa ggcaatgaaa acacaagcac aaacaacacc 540
ctccgtatcc gccgcccact tcgtaaaatt tcccgattcg atccgaaccc atccggcatg 600
atcaagaaga gctgggggaa gcagtcgctt acagaaactg gagctcgaac tggagccggc 660
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gggttcctgg gtcgtatgga tttcttgaat cgcgtcgacg cgaagaagga agaagagagc 840
a 841

<210> 7390
<211> 998
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7390

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 gtcgagccgt tgtcacctgg gttagctctg gtaatgattg atggatttat ggcccttgat 180
 gagttttgag acggccgttg ggagataatg tattgcagct aatatactcg atctacgttt 240
 gtatagttgt agccgtaagc gaggtccca gagtaaacga cgtcatgatg aatccaaaac 300
 tttgaccac gactaaaggc actctgctat ctaaagtccc cagcaatgga gcttcagcca 360
 gcattcgctt gagtctgcgg ttctctgtat tggttcagctt gtgcatcagc aaaagcaaca 420
 ggccccagta atttcaactac ttctgctgtt catgttgggc tctatactgt gattgcgggc 480
 ccacttcaac ttatctggac ctagctccaa aaccacacag tctcaccagc ttccagctca 540
 aaaaaatcca gcttcgatca acatcatcat aatggctgag caacgggtta acgttcacat 600
 accatccgc cccgcggttc tcgacagcgt tcgcctccgc aatatccaac tccctcttcc 660
 cgcagcgcca gacccatggc accgcaacgg taaacctcag ccgtgcaactg catcgctgaa 720
 gctctctac tcctccgcgg tggcagccgc aaatgccgat gatgtctctc tctctctcga 780
 ctacgggaag ctctatcgcc gactggaaga ggatatccgc aacatgacag cgggaagcaa 840
 acccagcggg accacgcccg ggcagcatat gattagcgtt gacggaagcc ggcaaaaaaa 900
 gatgatgagg gcggaactcg ngcangatgt gcgtctgacc gcgggaattg tcgccaattg 960
 tggctctggga ctgcgcggtt gtcggcaact aggttcga 998

<210> 7391
 <211> 837
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7391

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 ccggacgcag tgggcatgat tcgtcacgca atcacaagtg ccgtatcttg aagattggaa 180
 aagcaatcca attgtgcaga atgtgggata gatcatattc atcctttgta tcttcggcat 240
 acatcgagag gaaccagggt gtttttttcc tgggtataat tgccttaaga gctggaagag 300
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gttaatagtt tgattttaat ttgatatat ttattttgcc tctattttac gtagcgattc 480
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aaaaggcatt ttgatccgtt ttctgtgatc cttcagggtc ctatgtatgt tgttgtcatt 600
tgatattgaa ctattgctat ctgtgtactt gactatggcg gtctctatgg gtcattctcc 660
gctcatagat gtcttttagaa ctgccgcact cgaaccagtg ctgcacatac cctaacactc 720
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<212> DNA
<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 7393

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<210> 7394
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 <213> *Aspergillus nidulans*

<400> 7394

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<210> 7395
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7395

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<210> 7396
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7396

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<210> 7397
<211> 526
<212> DNA
<213> Aspergillus nidulans

<400> 7397

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<210> 7398
<211> 1278
<212> DNA
<213> Aspergillus nidulans

<400> 7398

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<400> 7399

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<210> 7400
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 <213> Aspergillus nidulans

<400> 7400

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<210> 7401
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7401

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<210> 7402
<211> 1061
<212> DNA
<213> Aspergillus nidulans

<400> 7402

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<212> DNA
<213> Aspergillus nidulans

<400> 7403

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 <213> *Aspergillus nidulans*

<400> 7404

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<400> 7405

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<210> 7407
 <211> 557
 <212> DNA
 <213> Aspergillus nidulans

<400> 7407

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<400> 7408

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 <213> *Aspergillus nidulans*

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 ggccaaaata gaggcgccgt tcgtgcaagc gcatggcggt ggtaggagac tactctccag 660

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<210> 7410
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 <213> Aspergillus nidulans
 <400> 7410

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 agcttcaacc ttgatgcctc tgctcggcac gttcccacaa gggctacctg acatcacctt 180
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 aatatgcaga ccaaattgta tactttgtaa gcgcatgcga atgttgagag gcacgtgacg 480
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<210> 7411
 <211> 892
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7411

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<210> 7412
<211> 479
<212> DNA
<213> Aspergillus nidulans

<400> 7412

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<210> 7413
<211> 1356
<212> DNA
<213> Aspergillus nidulans

<400> 7413

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 ataatagaat aataataaga aaaaatataa aatggaaaaa gaaataaatg aaaaaaaga 180
 aaataagaaa aaatagaaaa aaagaagaga tagaggaaat agaaaataat aagtaaataa 240
 aaaaatgtag ataagaaaca tgaggaaata aataaagaaa aataaattga gaaaaaatgg 300
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<210> 7414
 <211> 485
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7414

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<210> 7415
 <211> 946
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7415
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 gttgcggttt gttagtatgt gtaaggggtc ttgtgatttt accttgtgcc tagtagagcc 180
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<210> 7416
<211> 500
<212> DNA
<213> Aspergillus nidulans

<400> 7416

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<210> 7417
<211> 878
<212> DNA
<213> Aspergillus nidulans

<400> 7417

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<210> 7418
 <211> 767
 <212> DNA
 <213> *Aspergillus nidulans*

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 aaaggagcgt gtctcggttc ttttgagat aaactcgatt ctgctgcagg aggccatcaa 720
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<210> 7419
 <211> 662
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7419

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<210> 7420

<211> 729

<212> DNA

<213> *Aspergillus nidulans*

<400> 7420

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<210> 7421
<211> 1312
<212> DNA
<213> Aspergillus nidulans

<400> 7421

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<210> 7422
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 7423
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7423

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<210> 7424
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 7424

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<210> 7425

<211> 888

<212> DNA

<213> *Aspergillus nidulans*

<400> 7425

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<210> 7426
 <211> 537
 <212> DNA
 <213> Aspergillus nidulans

<400> 7426

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<210> 7427
 <211> 1189
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7427

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<210> 7428
 <211> 898
 <212> DNA
 <213> Aspergillus nidulans

<400> 7428
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<210> 7429
<211> 503
<212> DNA
<213> Aspergillus nidulans

<400> 7429

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<210> 7430
<211> 775
<212> DNA
<213> Aspergillus nidulans

<400> 7430

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<210> 7431
<211> 800
<212> DNA
<213> Aspergillus nidulans

<400> 7431

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<210> 7432
 <211> 928
 <212> DNA
 <213> Aspergillus nidulans

<400> 7432

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catggaagta gcatgacgaa acaccatacc actgaggcca agatctgaga ttaaccacc   180
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<210> 7433
 <211> 886
 <212> DNA
 <213> Aspergillus nidulans

<400> 7433

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tgatctttcg ggatccgaga catgatagtt atgggtggaaa tgtaagatgg tgtccagatg  180

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<210> 7434
<211> 729
<212> DNA
<213> *Aspergillus nidulans*

<400> 7434

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gcacggttgg ctcttctgt ctctccgagc ctgtctctgg ctcagatgcc ttgccctcc 660

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cactccatg 729

<210> 7435
<211> 1071
<212> DNA
<213> Aspergillus nidulans

<400> 7435

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<210> 7436
<211> 729
<212> DNA
<213> Aspergillus nidulans

<400> 7436

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<210> 7437

<211> 1342

<212> DNA

<213> *Aspergillus nidulans*

<400> 7437

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<210> 7438
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7438

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<210> 7439
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7439

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<210> 7440
<211> 209
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 7440

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<210> 7441
<211> 898
<212> DNA
<213> Aspergillus nidulans

<400> 7441

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<210> 7442
<211> 140
<212> DNA
<213> Aspergillus nidulans

<400> 7442

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<210> 7443
<211> 560
<212> DNA
<213> Aspergillus nidulans

<400> 7443

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<210> 7444
<211> 1217
<212> DNA
<213> Aspergillus nidulans

<400> 7444

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<210> 7445
<211> 919
<212> DNA
<213> Aspergillus nidulans
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<210> 7446
 <211> 675
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7446

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 tcaatgtagt tgtgatcaac atccatgaag agaaggggat cgaggcgaag cttgatggtc 180
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 cettgcatcc atttcattct caaaagtatt agatgataga ggcaacatct caaatcattg 480
 catcatgatc cgtcataaaa ccataggctc tcagataagc tctcagagac tctcgtgaat 540
 agccctaata gcccctaccc atagttcaca tcacgaacgt tctcgttctc atcaagatga 600
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<210> 7447
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7447

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<210> 7448

<211> 506

<212> DNA

<213> *Aspergillus nidulans*

<400> 7448

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<210> 7449

<211> 109

<212> DNA

<213> *Aspergillus nidulans*

<400> 7449

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<210> 7450
 <211> 536
 <212> DNA
 <213> Aspergillus nidulans

<400> 7450

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<210> 7451
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7451

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<210> 7452
 <211> 1163
 <212> DNA
 <213> Aspergillus nidulans

<400> 7452

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<210> 7453
 <211> 684
 <212> DNA
 <213> Aspergillus nidulans

<400> 7453

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 <211> 1251
 <212> DNA
 <213> Aspergillus nidulans
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<210> 7455
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7455

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790

<210> 7456
<211> 760
<212> DNA
<213> Aspergillus nidulans

<400> 7456

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<210> 7457
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 7457

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<210> 7458
 <211> 619
 <212> DNA
 <213> Aspergillus nidulans

<400> 7458

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<210> 7459
 <211> 893
 <212> DNA
 <213> Aspergillus nidulans

<400> 7459

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<210> 7460

<211> 471

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 7460

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 <213> Aspergillus nidulans

<400> 7461

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 <213> Aspergillus nidulans

<400> 7462

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<210> 7463
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7463

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 <213> *Aspergillus nidulans*

<400> 7464

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<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

<400> 7466
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<210> 7468
<211> 958
<212> DNA
<213> Aspergillus nidulans
<400> 7468

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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<400> 7471

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<210> 7473
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<400> 7473

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<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 7474

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<212> DNA
<213> Aspergillus nidulans

<400> 7475

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 aaagcttccg tttgctctcg tgattcaacc ttatgctgcc cttcatgacg cggaagacca 960
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<210> 7476
 <211> 227
 <212> DNA
 <213> Aspergillus nidulans

<400> 7476
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 cagcttgact tcctcgctcg gggttgatgg ccagacggcg aggtggtcac cggctttata 180
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<210> 7477
 <211> 1365
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7477

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 cggaaggatga gctcatacat ctttctagat ttcatccag atgaatcgtt gctgattgaa 240
 tcattagcac gggatttagt tactggaacc actagctatg cggccctgtc tgaagaggag 300

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 aatcagaagg tcctctccgc gctccatatt tctcaacatc accctgctct ttcagcgggt 420
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<210> 7478
 <211> 635
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7478

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<210> 7479
 <211> 577
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7479

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<210> 7480
 <211> 707
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7480

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<210> 7481
 <211> 888
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7481

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888

<210> 7482
<211> 964
<212> DNA
<213> *Aspergillus nidulans*

<400> 7482

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<210> 7483
<211> 423
<212> DNA
<213> *Aspergillus nidulans*

<400> 7483

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act 423

<210> 7484
<211> 1176
<212> DNA
<213> *Aspergillus nidulans*

<400> 7484

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<210> 7485
<211> 112
<212> DNA
<213> *Aspergillus nidulans*

<400> 7485

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<210> 7486
<211> 145
<212> DNA
<213> *Aspergillus nidulans*

<400> 7486

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aataagcgaa gcgtataggt gaggg 145

<210> 7487
<211> 471
<212> DNA
<213> *Aspergillus nidulans*

<400> 7487

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tcccagtttg ttgcaaacta cgcacatgac tccatatctt acatgccgct acactctaca 180
gcactaagcg gcgaccagcg ctgtcaagag gtgctgggca ttatacccg taacgagcag 240
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ccaggagcaa aggagggcaa ggcctgccca agttctggat tgtttttatg gtactgttaa 420
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<210> 7488
<211> 646
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7488

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<210> 7489
<211> 224
<212> DNA
<213> Aspergillus nidulans

<400> 7489

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<210> 7490

<211> 857
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7490

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 <211> 368
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<211> 759
<212> DNA
<213> Aspergillus nidulans

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<211> 937
<212> DNA
<213> Aspergillus nidulans

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<210> 7494
<211> 474
<212> DNA
<213> Aspergillus nidulans

<400> 7494

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<210> 7495
<211> 346
<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7495

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cccacagcac ggacaagacc ggaaccgaa ccgggcacag annaanngca aggcaagccg 180
ggccgccggc agggcnagcac gggcganacg acagcgcgaa ccgcagaaca ccagcacgag 240
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<210> 7496

<211> 615

<212> DNA

<213> Aspergillus nidulans

<400> 7496

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gccgatgata gcgatggaaa gaaacacacg gctctatctg ctgtcgcaac tgccgcgaaa 420
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ggtggacggt tcaatgtgac ggagaagaag gttgagaagg tcagcccgcc actaggcttt 540
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gtttacgtta gtggt 615

<210> 7497

<211> 738

<212> DNA

<213> Aspergillus nidulans

<400> 7497

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 acacgacgga gctgcctgaa gatcaggagg agcactatga gactgccaat gacgcaactc 180
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 ttttcggctc ccttggtgta aaaaaccctc gctctaagga ggaagaggaa gccacgcgga 300
 agagattggt gggcaagggt cgagaaagca tacttcaccc aaccgagcgt caacaggagg 360
 agcagggtt tgccgagacc catgaagggt agccgcatgt ggactggcac gagaaacttg 420
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 actattatga tggcgaggac caacaactga actacgatga ttctgagcaa ccagaaattg 660
 agtctgagaa caaggaggga atggatgaga tgacaaccag gacgactgct gagcctgagg 720
 atgacctccc cgatctcc 738

<210> 7498
 <211> 827
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7498

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accacacagg gcgttagcag ttgcaaggga acttgcaccg catgctgtgt aatatttgag 780
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<210> 7499
<211> 225
<212> DNA
<213> Aspergillus nidulans

<400> 7499

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tcatggctgt ggcggcacga ccgtcataac gcggcttctc acctttcgcc atttgetctt 180
cgcgagctt accaggcgct ctttagagca atagcattta taagc 225

<210> 7500
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 7500

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tggtgccgtt gcagaggaac tcaactcggc gattctaggt atgcctgctt ctttctctt 180
cggattatac atagctgacg tcgacagtgt cactgggcaa gtctctagca gcggccctag 240
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cggcgccggg cgggttcgag tattgaagca ttgcagactg tcatctgaga ctggcacctt 420
gatatatcat tattctcaac ctctttcatc tagctcgaa tctctctctg tatgcttgct 480
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<210> 7501
 <211> 450
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 7501

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agtgcgagtt gctaacgatac aaaacgagct ataacgacag ggaaggcagg aacaatgctt 180
gggttgggta gaccgaaaca acgcgccaca gttggggcaa cagatgggtct acgnatatgg 240
cgaccactac acacaaacgg ccgaccatac agagtttctg gcagaggggt caacggaggt 300
gcattagggc acaggcatgt tcgcttataa cgcggtttgt gaccagtagc cggcctgatt 360
cggaaaattg cacaatgaga acacgggttc cggaaatatt ccgntaggac ttaagcttcg 420
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<210> 7502
 <211> 548
 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 7502

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cttacccttc agagcggttg gcggctggaa ggcagtcgag agaaggacgt tgcgcaaaag 180
cagaccaaac gaataggaga agatttctat aagccggctt ccagagtatg aggcaggggc 240
aaggttggga gaaaaagcca gaaaagtatc gaggataaag actgacgcga ccaggccgtg 300
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gaactattgg gtaggcggtc aggtcatta ctatcgagtc tcagagagac ttttctttcc 420
ctttgactct tctaagccat tttatatgag aactctctta aataacacct gctctctacc 480
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aacaaggg 548
  
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<210> 7503

<211> 1038
 <212> DNA
 <213> Aspergillus nidulans

<400> 7503

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ttgaccgcaa gcatctgagg ggcctcattg accgcaaaca ctctgagacg ttggcgctgt  180
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gtacagacaa cccctgaac aaaccgtctc acaagccttg ctaataatga taatagcgaa  360
accatgcata ctcaaaccctt gtcgagcttc tcttcctca tcatgtccgt cttagtattc  420
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gtgcgtgcgg caccaaccgc acaggctatt ctctctatct ctcagtccaa gtccgagtc  600
gagtctgggg cgatcaccaa cccctctac gagttccaga tccctacgcc ctggcataac  660
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gatgcgatta gcaaaggctt gttcgagggc ggctggtgtc agcgcgaggg aggtccgggc  780
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<210> 7504
 <211> 713
 <212> DNA
 <213> Aspergillus nidulans

<400> 7504

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catcgacatc tcgaggccta tttgaacttg atatagtcta gactatgaag atttctgcgc 240
tccactctcc cccgcttatg atggagaatc cgggggtgtg agctgcgtgg gtgataacta 300
ccagttccga gacgccctag tgctgtccgg aaacgcagca tgccaatcgg aagagttctc 360
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gattttgcgc tgccaaggca tgttgattgg acattccgga actgcatcag ttaatgctag 480
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gtctaggagg cctattttatt tgaaactggg ggactgctgc aagccttttt tgcagaaggg 660
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<210> 7505
<211> 1025
<212> DNA
<213> *Aspergillus nidulans*

<400> 7505

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gataccacga atacttcggg ccagcagttg acgacgatgg cgttatgtac ctagccctag 540
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gggac 1025

<210> 7506
<211> 875
<212> DNA
<213> *Aspergillus nidulans*
<400> 7506

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ggtttaagat ttggcgcgac atggccaccg gtgctgcagt ttcctatgtg gtcagcagca 180
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gtgttattga gtccctcatc actcacgcta ttcaaacagc cggccgctcg ggcgtaaaga 780
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<210> 7507
<211> 1193
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 7507

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 gatgccctga ttggagatgc aagccatccg cctcagggg tattcggatc tggcgcgga 780
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 tcacctcgac cggtaagatg gactggatat ataagaatga caatgcgcag gtatggcggg 1140
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<210> 7508
 <211> 652
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7508

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tggttgctgc aggtggctct tctccttgaa ctcgattgct tttgtaacct ctcgatatac 180
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 aaaagaatcc ctagttcaag aagagccggc cgcaactcct gctccccagc aggagataga 420
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<210> 7509
 <211> 636
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7509

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 gtctcttact ctttttcgct gttttctttt ttttatcatc tctcatttta tctctttctt 540
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<210> 7510
 <211> 712
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7510

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aattcgtggt tttattggct aaattcttac tgttttgtaa tggatatttc tccgtggctt 180
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aggctaaggt acagttacca gaaaaagcga gtatactcaa ttgaaaatat acatagaaca 660
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<210> 7511

<211> 1084

<212> DNA

<213> *Aspergillus nidulans*

<400> 7511

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gcttgaactt ccagaatgcc gtgtttctga caatcataca catgctaaat cgcctcgtcg 180
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gtggtatgtg aaatctatca agccatatcc tggcattgac aatgatctta ctggtattat 660
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 aaagagaata aagcagcgca ctattaagac atgatcagcc atgataagga caaaagttaa 1020
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 tatg 1084

<210> 7512
 <211> 1116
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7512
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<210> 7513
<211> 568
<212> DNA
<213> *Aspergillus nidulans*

<400> 7513

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<210> 7514
<211> 183
<212> DNA
<213> *Aspergillus nidulans*

<400> 7514

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<210> 7515
 <211> 786
 <212> DNA
 <213> Aspergillus nidulans

<400> 7515

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<210> 7516
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7516

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<211> 752
<212> DNA
<213> *Aspergillus nidulans*
<400> 7517

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<210> 7518
<211> 789
<212> DNA
<213> Aspergillus nidulans

<400> 7518

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<210> 7519
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 7519

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<210> 7520
<211> 786
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7521
<211> 215

<212> DNA
<213> Aspergillus nidulans

<400> 7521

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<210> 7522
<211> 489
<212> DNA
<213> Aspergillus nidulans

<400> 7522

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<210> 7523
<211> 651
<212> DNA
<213> Aspergillus nidulans

<400> 7523

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<210> 7524
 <211> 351
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7525
 <211> 966
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7526
 <211> 338
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7526

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<210> 7527
 <211> 1164
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7527

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7528

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<210> 7529
<211> 792
<212> DNA
<213> *Aspergillus nidulans*

<400> 7529
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792

<210> 7530
<211> 817
<212> DNA
<213> *Aspergillus nidulans*

<400> 7530

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<210> 7531
<211> 240
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
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cgtgagcagc cgnnggtgtg cgagagtggt ggagagtgac gcgtgccgag cgagagagc 180

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<210> 7532
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<212> DNA
<213> Aspergillus nidulans

<400> 7532

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<210> 7533
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<212> DNA
<213> Aspergillus nidulans

<400> 7533

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<210> 7534

<211> 786

<212> DNA

<213> *Aspergillus nidulans*

<400> 7534

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<210> 7535
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 <212> DNA
 <213> *Aspergillus nidulans*

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 aaatatgata caaatagata ttctgtaaat ccgagtgcgt ccttggcttt tgcttagctc 480
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<210> 7536
 <211> 696
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7536

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<210> 7537

<211> 512

<212> DNA

<213> *Aspergillus nidulans*

<400> 7537

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<210> 7538

<211> 1050
 <212> DNA
 <213> Aspergillus nidulans

<400> 7538

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<210> 7539
 <211> 1555
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7539

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taaggaagat ttatactttg accgaatgat aagctaacaa ccatgaagtt cagtttaagg 180
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 <211> 627
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7540

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<210> 7541

<211> 719

<212> DNA

<213> *Aspergillus nidulans*

<400> 7541

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<210> 7542
<211> 1013
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7543
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<212> DNA
<213> Aspergillus nidulans

<400> 7543

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<210> 7544
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7544

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 <212> DNA
 <213> Aspergillus nidulans
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 ggcacgagac cacaaatacc tggacggaaa gcatgtcaag agtattctct accaatctgt 1260

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<210> 7546
 <211> 727
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7546

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 tcagagcttc tgtcaataag catctgtgga gtaataactt gcaggcttac taccacttg 660
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 accaaca 727

<210> 7547
 <211> 217
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7547

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tttaacccgt cagaccctgg aaccgggatt ttttaatata atctggagaa taaagggaaat 120
 cactggatgc catgggttacg ttgccttcca gcgacgtgga ggcttgccc ggtattgccc 180
 aggacggccc tgcctaggta caccctatgc tcagcat 217

<210> 7548
 <211> 1034
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7548

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 gacagatggg gtgattggta ctggctctga agacgaagag gccgattcct cgcttgacac 180
 ttccgaagag gatactgtaa gggagacgta cacctaccca acgggatatc ccttagaaga 240
 gaacgaccnc tatctatggt tctatccatg atatccggga aagggcaggc tggactcttc 300
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 tggatagagt gactcgcctt cttcttgccg acatccaccc ttataagatg agtggcattc 480
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 cagcggccct ttgg 1034

<210> 7549

<211> 208
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7549

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 gtgtgcagtg accggtgagg tgtggtgtag tggagaaggc gcggagggcc gaggcgagac 180
 gagggtgccg cagatggcgt ggtgaggt 208

<210> 7550
 <211> 954
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7550

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 cgctattatc caacgacagg gatacggctg tgtgaacggg acttgcata tatgaataag 900
 aaaacagctg gaacaagtac tgactgcaac ggagctgtta ccattagaca cctt 954

<210> 7551
 <211> 119
 <212> DNA
 <213> Aspergillus nidulans

<400> 7551

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<210> 7552
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans

<400> 7552

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 atcgtttgtg taagcatgac aaccactgcc acttctccgg ttcatggaa aaccatattc 180
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 ctccagacaa tgtcgctatt tacctgtggt gcgatatatt tcctttcctc ttgcgaaacc 300
 gaatccctaa ggacgatagg cgatgcattt ataaaatcac attcgcttcc aggaaccggt 360
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<210> 7553
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans

<400> 7553

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 gtggaagagg actccacca gaaggagcta cctactctgg acggacgcta gcattcacag 300
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<210> 7554
 <211> 695
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7554
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 gccggcaatc tacggctgtg cacagacacc atggc 695

<210> 7555
 <211> 440
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7555

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 gcgagtctaa cgacaagggtt gggagcgtga gatgtgcgca tatatgtcaa aggtaagggga 180
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 ctcgtagggcg tcgctaaagc cggctgcatg ggtgaaacaa aggtgaagcg tcagtgatgg 300
 cgcgtctcac tgaagaagga tagcacacct agaacaagag atttagggcc agaaaagaaa 360
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 ggataagcga tacgattaga 440

<210> 7556
 <211> 136
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7556
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 acacgagcgc atattaacac cagctgtaac cccaactgtg gcaatacaag ccacaaacac 120
 atctacagct tcccgt 136

<210> 7557
 <211> 1236
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7557
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 taaatataga gagtaaagca aatcacaacg ccccggttgt ggtcacgtgt aactctggaa 180
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 aaatttttct acccctggcg caaaagtgtt aaacttagcc cccccgctgg gaaaatctag 360
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<210> 7558
 <211> 777
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7558
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 accgggtttg gcaaacacga ggatagtccc atccgcggca aaggccacga catcgcgtac 360
 ctagtccacg acttccagct gctggactgg atcggcgcga actctttccg caccagccac 420
 tatecttacg cggaagaggt gatggaattt gcagaccgcc agggaattct tgtcattgac 480
 gaaacgcccg ccgtcggact ggcgtacagc attggcgcgg gcattctaac ggacacaagc 540
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ctccgggaac tcattgcacg ggacaagaac caccacagcg ttatcatgtg gtcgatcgcg 660
aacgaacccg cgtctgatga gccaggtgcg cgagcatact ttgagccctt cagcgggctc 720
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<210> 7559
<211> 131
<212> DNA
<213> *Aspergillus nidulans*

<400> 7559

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gcagacggag a 131

<210> 7560
<211> 714
<212> DNA
<213> *Aspergillus nidulans*

<400> 7560

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caatggactc atgagtcaaa agtgcgtaat gccacgccc cccatccaca cagtaggca 180
acaactaacc caacatgaaa taacaggact tagagcgaac ctacctaatt cgcaccctcc 240
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ctattggcgg tagccagatg tctcttgcaa tgtatgggca gcagggcggt ggtctacact 660
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<210> 7561
 <211> 666
 <212> DNA
 <213> Aspergillus nidulans

<400> 7561

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cgtaaaacgc agcggttaaa tgcagaagac acgtctacaa agtcgcctgg cgcggtacac  180
cttgtccgaa gagccgatta ctttctgtcc atcctcagag acaaggctag caatggctcc  240
aatactacgg cgaagcgagc ggtggacaac catcatcgca acgcccgaag gagcacctcc  300
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ggacactcgg cgagcaagga ggatatgtca cgtcgttctt tcaaacctat ccgtgatgat  600
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<210> 7562
 <211> 829
 <212> DNA
 <213> Aspergillus nidulans

<400> 7562

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<210> 7563
<211> 105
<212> DNA
<213> *Aspergillus nidulans*

<400> 7563
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<210> 7564
<211> 544
<212> DNA
<213> *Aspergillus nidulans*

<400> 7564
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attg 544

<210> 7565
 <211> 565
 <212> DNA
 <213> Aspergillus nidulans

<400> 7565

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<210> 7566
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7566

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<210> 7567
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<400> 7567

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cgcaggcaca aggcgtacaa cacggtgggt tcgcaactgt taggctgggg atgcggggag 120
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ttggcggaag aaggccgcgg gcagatgacg aaaacctgcg cttctctcgc ttcattttctc 180
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 gacaaaaaaa aaatgctgaa cgataatgtg acgataccac agaaacagac ttttttagtca 300
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 cccgggttcc cgccgccttt tttgtttgcc tcttaaagcc tttgccaatc tctttgggcc 1140
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<210> 7568
 <211> 1061
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7568

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<210> 7569
<211> 790
<212> DNA
<213> Aspergillus nidulans

<400> 7569

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<210> 7570
 <211> 706
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7570

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 cgacgccgac gatggcactg tgcggacgga tcaatgccgt ctgtccgact tattagcatc 480
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 caaggcctac acttcccagt ccgagaacga caagcacgct gttctcgtcg ggctttgcc 600
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<210> 7571
 <211> 99
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7571

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 atgagcatgg aaagcaatcg tgggtatcca catcagagc 99

<210> 7572
 <211> 244
 <212> DNA
 <213> Aspergillus nidulans

<400> 7572

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 aaggggtctt cattaggccc tgagcgagcg agccctggtc tatcccaagc catgtcgtcg 180
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 caga 244

<210> 7573
 <211> 115
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7573

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 gcgcggtgtg tggggcgctga ggtgcggtga gacgacgcgt gtgcgtggcg tgcgt 115

<210> 7574
 <211> 560
 <212> DNA
 <213> Aspergillus nidulans

<400> 7574

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 tgtagaagg ctggctgaaa acagaagagt tgtgatgtca gtgataataa taaagataca 180
 ttttactata acccctgtca ttcgttcttt ttaagcctag tatcaggatg ataacaagta 240
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 tagaccagtt caaccatttc catctggacg tgcattgagct gactataact ttgggtctgt 360
 attgggctgt aatgtgacag atttacgagt cctcagcttg cgaatgttgt gtaacctgta 420
 aaaccacact ttgcacaagg atgctacatc cgccttcacg cttggagttg ctggataagc 480

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cctgcaggaa tagagaccga 560

<210> 7575
<211> 528
<212> DNA
<213> Aspergillus nidulans

<400> 7575

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tcttatcaat cttggcgaga acgtgttatt cataaagaag ccatcaaaag acagcaccgc 180
gtccttcgtc atcgggtgagc tgaatcctac gcaacaggaa caaccgggtg gtaaggacag 240
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ggacaggcta cgttttggtc gctccactct gtccggtttc ggaattgata cttgccgagc 480
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<210> 7576
<211> 1427
<212> DNA
<213> Aspergillus nidulans

<400> 7576

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cacagtattc ttcattgatg atattgattt ccatccatct aagaaaggcc tattccagtt 180
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gggtcatatt tgcgtcgtgc agtaaccggg aggagctcca gacggcaata tagaggctgt 540
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 tattgttccg tatcaggcct gtacaacgat cgttatctag acaacggaag gtataatgtt 780
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<210> 7577
 <211> 531
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7577
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 aagaggcgtc tcgacaagca gacgagctga ttaacttcga tgaagcccc gcgtctcccg 180
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 cgcctgagcc agctgaggct ccggcgaggg aagcggcagc cgtcactgtt gataagacag 300
 cggaagatga cccaaggcc gccgaaccag aaactccagc tgaggcgcaa cctgaggcca 360
 ttgaagaagc acccgcacct acggttgagg aagctgcagc ggcgaggagg cgtcaatgg 420

agcctacaaa ggagcctgaa ccgagcgagg ctgctcccggt agaacaggcc acagaagaaa 480
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<210> 7578
<211> 599
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7578

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accaggggcc cacagcccag gggaccgaag acaaccaaca gaccagccaa ccacgacagc 180
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cccaaagcgc gggaacacaa accagacacg accagcaaaa gcagaaccac ggacgagagc 480
ggaacgccag ccaaccgcca aacacacgca cccagacag aggaacagac ggacaccgaa 540
caaagaccag accgaacgcc caaggaagca ggcgagacag accaagcccc gcgggcacg 599

<210> 7579
<211> 1008
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7579

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ttaacttcaa tgacctatga aatggcgggg agccgttaag gggaacgcta gttacgcgtc 180
tgataggagg cataacaggg tacaaggaat taacgtgatc aagatactat gcggatgcag 240
agatagggag acgggcgaga gtgaggacaa ctggcccagt gatcgcgagc ggcaccaatg 300
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tgctttgatc catgctgaaa tgctttaatg gtgcctgctg gctcgactga tacagctctg 420
 ctggagtcga tcaaccacac tgtcgggtca gatagttggt ggtgctcatg agctagaggc 480
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 agacgagcaa gaaccgtgta acgattctct aacggacgca ctctgcaagt caacagacct 720
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 cggagagatt tagaacgctt tggcatccca atcgtaccac tttgaagcaa gtcagggcca 960
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<210> 7580
 <211> 779
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7580

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 tagtgtatat ccgcatcagg cggagttcct tccagatgcg ctctacgacg tcttgtacag 180
 cgagatcgag ctgcgagctc atgaccgctg tgtgtggctc gcgagcaagt tggtcgagaa 240
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 agatgttctt gggctgacgt tagtgaaaag ctatgccaga ttgcgaaggg ctactgtttg 660
 gtattctcac ggtggttcct tgtaagccg gatgccaaac gcatccaatt cagcctcgag 720

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<210> 7581
<211> 295
<212> DNA
<213> Aspergillus nidulans

<400> 7581

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tatccgtata tgggtgcagt ttaactcgtg gataggttga gcttttaggg ctgaacattc 240
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<210> 7582
<211> 2151
<212> DNA
<213> Aspergillus nidulans

<400> 7582

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ctgcggatag gtggcttggt gtcccagata taatagtggg ttcacatggg aacttaatat 180
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<210> 7583
 <211> 120
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7583

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<210> 7584
<211> 1051
<212> DNA
<213> *Aspergillus nidulans*

<400> 7584
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<210> 7585
<211> 913
<212> DNA
<213> *Aspergillus nidulans*

<400> 7585

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gagaaaggta agccactct gagtaacctt cataggcaga tctccgagtt ccacgagtat 660
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aagggaactg tgttcaccc ccaaccactc gaaatccatc aggtcctata gtgaacaaga 780
catagcacgg gtgagtaatg ggccgcttg tttgtaaaga cattgatggg cgcaagccct 840
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gggagagtaa aga 913

<210> 7586

<211> 1006

<212> DNA

<213> *Aspergillus nidulans*

<400> 7586

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caacatgctt tcgggcaatc gtctcaaaag tcctatggat ctcccgaga tccacggcct 180
ggcagagcgc gtatatatgg ctagccgcca tgagcgagaa cacctccact gcacccgag 240
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gcacaaagtt gctgactgga ttattgaggt acccaagctc agacatgtaa gacgccatgt 360

tgatatcgac gcctttcaag gcgaacgaca acgaggggtc atcggcacac aagttcgggg 420
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 gaattgagct cgatggccac ttgggcttgc gccaggccat gttctcgaca tgcgggccta 660
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<210> 7587
 <211> 1032
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7587

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 agggtagcat cactaaaccg ggttacctgg actgtaattt gtggccggtc cgtctcgaga 180
 agctcctgca tgttttgcac gccgttgaac gccgtgcagc gcttttcgtc ctctggatct 240
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 tgatcaggag ctgactgttg gcgctcaaga tacttggcca tccccttggg cgtgaagaca 420
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<210> 7588
 <211> 223
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7588

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 ccgtgagaan acanggaggc gtactctgag nagaaagtgg attgcttaat ggaatcgaat 180
 gcgagtgggc taaacgcgac aggcccgacg ctgccgcac cat 223

<210> 7589
 <211> 102
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7589

actcataaga tatagattta tggatcgaat ctaacttcgc tacgagaccg ttcaacacgt 60
 tcgtgaccag ttcaatttga cactccctct aaaaccgctg tt 102

<210> 7590
 <211> 1271
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7590

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cggcggcccg cctagacgga ttataccaac cggcctttcc tccccctctt tatattatat 180
 ttaacttatt acgctcattg caggcttctt ctgggacat ctaggttgca gtcgagtctt 240
 ttcgatgggg catcagttcg aatggctcca acatgtatat ggtaattttc caagttgaag 300
 caatagtgcc aggtcagata ctgctggacg ccggaccatc gctgctatct tatccattga 360
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 gtctcaactc gcaccgtacg tattctgcac agaattctgg tcagctgtct ccgttccttt 480
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<210> 7591
 <211> 527
 <212> DNA
 <213> Aspergillus nidulans

<400> 7591

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 attgggaaag tgatctccac tgtgcggcag accagcccca aggtttatcg ctcatatttg 180

actctcactt ttgattttga tttttttttt ttataatata tttttactta tttgcctttg 240
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 ctgagcctaa gcctcctgtc tctactcaggc aggccgctgc aacccttccg caaagggggt 420
 ccaatccatt cccagaggca gcctggggct gtgaaattag attcggatat acttgtgggt 480
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<210> 7592
 <211> 617
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7592

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 ggaaagggttc tgattcaggt atggatctct tgatacagcg cacaagactc aagtacgcat 180
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 ctaaaatcct gccgaagctt gtcaaccttc accgagcacc cgccacactc ggttcgagaa 540
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<210> 7593
 <211> 1026
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7593

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 gaaacgctcc ttttcaggtc actatgttgg gagagttgca atcgtgaccc acctgaagct 120

cccgcagaat ctgcttctctg acgttttctt ttgcgtcgac cctaataatc tagcagcggt 180
 gtcaacagag cccaggaccc atgctatata ggtaaactct accttccgag ccattgacgac 240
 cttgggtcgaa gcatgcatga ctttagagac cgtccctcca ttccggcac cgagttcttt 300
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 cagagc 1026

<210> 7594
 <211> 989
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7594

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 tcttcggaca cctttcactg gcttgggtga tctactocca tgtagcagca ggccgctcat 180
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gtgcggttca gctgaggcga ggtgtattgg gcctggagcc gatacgactg agatgaggat 480
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<210> 7595
<211> 759
<212> DNA
<213> Aspergillus nidulans

<400> 7595

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agagggagag ttagagaaac tctgatatgt ttcagtagaa aacttggtgca ttaattctag 180
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gccagtaaac tggatatttg agcacagggt gtcgggctaag ggaggcaaga tcacgatttg 660
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<210> 7596
 <211> 550
 <212> DNA
 <213> Aspergillus nidulans

<400> 7596

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 gaccagcaa catttgccgc gcatatcgct ctcaacctgg ttccagaggt tcgcatcgaa 240
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 actaaatcgg cccgccagcg gtacgagaaa gaggaaggtg tgaaggtcag cgataccacc 480
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 gacggccccg 550

<210> 7597
 <211> 826
 <212> DNA
 <213> Aspergillus nidulans

<400> 7597

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 tttcgagacg agaaggcatg actcgcataa gccagcgttg atgatccgga gcaggatgct 180
 cagcgtctgt agaacgagat gaacagcggc caggcattga gagccaacca tttcaacttt 240
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attgcaggga tatcaatccc ccgaggtcca tcttgcactc aaccatggat tgcaatggcc 720
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tcgtaaagca gtatgagtgg tgaattcggt cttagagtac cggata 826

<210> 7598
<211> 470
<212> DNA
<213> Aspergillus nidulans

<400> 7598

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aatagtccgg cagcatcatg aatgcccggc taaagtactc tgcaccgggt ggagtcgtcc 180
cgcagctctt ctctccaata aacgcctttc ccagggccat gatggccaaa aagtgtataa 240
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acataaagcg gtcctcatcg aagaggtgaa acatctggcc tgtacgaaat ttggtcgcat 360
tgatcaagaa tagagcatga tccagtgcg gaagccacgg atattggcta cgatcgcgct 420
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<210> 7599
<211> 924
<212> DNA
<213> Aspergillus nidulans

<400> 7599

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 aacaaagcat caagccattc gagatacatc tcacctcaa tatactacc tccctgaaga 720
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 ccttcacgcc aatttctttc cttttctttc agctgtgcta ttgataagat aaacaagaat 840
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<210> 7600
 <211> 797
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7600
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 taattccagt tccccgtcgc cttgacctgc cttcacctct ccatgttttt catgcacgaa 240
 tatcccggcc attccgcctg ggccactatt gaggtactta tagttgcacc acgcagcgaa 300
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 aatgactcga agaatacggc cagtttcgag aatcggatgt tcaggatcct gcggttcaat 540
 gagaaccatg gcatctttgg gctggagatt atggtgcttg atctgagatt cgaccgcgta 600
 ctgaggagag tcaattagtc catgttcgac tgcacagtca agagacatac atggtcactg 660
 ggaaaagctt tcccttcgat gatgatctta tatctctcag tagttggtcg gtagaactag 720
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797

<210> 7601
<211> 902
<212> DNA
<213> Aspergillus nidulans

<400> 7601

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<210> 7602
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<212> DNA
<213> Aspergillus nidulans

<400> 7602

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<210> 7603
 <211> 593
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7603

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<210> 7604
<211> 181
<212> DNA
<213> Aspergillus nidulans

<400> 7604

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<210> 7605
<211> 562
<212> DNA
<213> Aspergillus nidulans

<400> 7605

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<210> 7606
<211> 513
<212> DNA
<213> Aspergillus nidulans

<400> 7606

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7608
 <211> 151
 <212> DNA
 <213> Aspergillus nidulans

<400> 7608

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<210> 7609
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7609

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<210> 7610
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 7610

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<210> 7611

<211> 593

<212> DNA

<213> *Aspergillus nidulans*

<400> 7611

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tggttcgcat cagcagctcg agaacagcgg agactgataa acacggacag gtgtagctct 180
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<210> 7612

<211> 99

<212> DNA
<213> Aspergillus nidulans

<400> 7612

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actgaagatg acgcataccg agtgacgatg cgtcgtaca 99

<210> 7613
<211> 971
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7613

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<210> 7614

<211> 459
 <212> DNA
 <213> Aspergillus nidulans

<400> 7614

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<210> 7615
 <211> 842
 <212> DNA
 <213> Aspergillus nidulans

<400> 7615

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<210> 7616
<211> 605
<212> DNA
<213> Aspergillus nidulans

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<210> 7617
<211> 234
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7618
 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

<400> 7618

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7619

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<210> 7620
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7621

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<210> 7622
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7622

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<210> 7623
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7623

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<210> 7624
<211> 732
<212> DNA
<213> Aspergillus nidulans

<400> 7624

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<210> 7625
 <211> 626
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7625

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<210> 7626
 <211> 558
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7626

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<210> 7627
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<213> Aspergillus nidulans
<400> 7627

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<210> 7628
<211> 954
<212> DNA
<213> Aspergillus nidulans

<400> 7628

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<210> 7629

<211> 584

<212> DNA

<213> *Aspergillus nidulans*

<400> 7629

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<210> 7630
 <211> 166
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7630

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<210> 7631
 <211> 1159
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7631

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<210> 7632
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 7632

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<210> 7633
 <211> 191
 <212> DNA
 <213> Aspergillus nidulans

 <223> unsure at all n locations
 <400> 7633

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<210> 7634
 <211> 757
 <212> DNA
 <213> Aspergillus nidulans

 <400> 7634

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<210> 7635
 <211> 726
 <212> DNA

<213> Aspergillus nidulans

<400> 7635

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<210> 7636

<211> 847

<212> DNA

<213> Aspergillus nidulans

<400> 7636

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<210> 7637
<211> 519
<212> DNA
<213> Aspergillus nidulans

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<210> 7638
<211> 607
<212> DNA
<213> Aspergillus nidulans

<400> 7638
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 aatcatccgt tcagcatctg tatgaccgag agaccacagt catataatga gatgcagcaa 360
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<210> 7639
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7639

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<210> 7640
 <211> 273
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7640

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 tcgagaggac atgaacatac acgcgacttc gaacctcaga gcctgcattc gaccgccaag 180
 accgtcgag agtgctgaac accgtcaagg agcaccaagc tcggtagaca ctgtatgatg 240
 tgctcgtgca tctcctcatc gacctgcaag caa 273

<210> 7641
 <211> 1232
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7641

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 tataacgcca aatctggcaa taatcatgtc atgtgaaggc aaggcctcac ctacattcgc 180
 ccaacagggg gctttccaac agatgagtgg ctatctcgcc ctttccctta ggctctgccg 240
 gacgatctgc taagtccaa gggacgaaa ttggaatcac cgctccagga ttggtcaaga 300
 aatgtgcagc caggacacat agtcgaaatt aaggcgcccc cggcctaacc cgtgttagct 360
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 gcaatttctc agcaagttcg taagctccat tcgcaagctg aaagaatgca ccggcaacga 480
 gggagaatgt gatgacaagg aggaatagcg cggagaagag acagacgttt gtccgtatcg 540
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taatccgtat tagccgtctt ctatgtccgg tatatggatt gagtagagat aagtagcaat 660
 tgttgccgcg tattcccctg tctgctgtcc ctcaaaagaa ttaccggttag gcgagtagtt 720
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<210> 7642
 <211> 395
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7642

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 ggtttcaccg cctctcctca ataggaaca cgaggcattg cgccagagct cgagctaacc 180
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<210> 7643
 <211> 743
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7643

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 ccgggaacca acaaaggaca cctacagatc cccttcaaca tctgtttgcg cccgctccat 360
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 cgccgccatc agagagtgtc gcaccgaggt attatagaac tgatagtggg ctgcaattcg 480
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 aagggtgtcca tcttcaacca ccacttgag gaaacggtcg aatagctctt tatccgtcag 600
 gtaatcatca aaagctcctt cggctatgcg atcaagtagt gggaagtatg acgttgcgtt 660
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 caagacagcc agaactcaca gca 743

<210> 7644
 <211> 188
 <212> DNA
 <213> Aspergillus nidulans

<400> 7644

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 tgacagcaga gcagcaaggc acctgcgata cgtagtcgat gtcgtcaaat ctccagccat 180
 acgatcaa 188

<210> 7645
 <211> 906
 <212> DNA
 <213> Aspergillus nidulans

<400> 7645

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 gctggatgca gggtaggggg caaggtggac agattcaggt tgatcgatatg acgaatatgg 180

cgggggattg acgtattgca tgctgcttat gtattgtggt ggtattatta ctatccgggc 240
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 gtatctgata tattagatta taatcagtgt ttcagagaa taaaatcccg cgcagttccc 720
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 tagagcaatc agagttcaag acagagtgtc tcctgaacg catataacca gtccttcaat 840
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<210> 7646
 <211> 1126
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7646

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 ctagacaggc gcaggtctaa ctgcgcacgc cgattctccg tccacctcc tatcccctgg 180
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ccgtatagtt tccgcgcgcg gcgagcgact ctggccagcg tgttgatggg ataccctgac 660
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<210> 7647
 <211> 959
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7647

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 gcactcgtga atttatccgt cacaacatca cacagatcca tcaggggtgc aaggcctttt 180
 tctagggctt caactgcggt tggtgagct gtctctgagt tagtctttgc catcactccg 240
 acacggtaat ttcaggggaa caaacgtaa gtctgaattc gaatgttcat ctttgactcc 300
 gaagcatgcg gaatcgtgta tccacagaat tcgacctcgg ggctgttgta aacaccattt 360
 agcacaatgc tttcccatc tgcgaccttt ccagcgtcct gagaagctcc ttaaagaagt 420
 tcaaagtaga tagaagcact ggcgcagtgc gagcaggaac atacttcttc ataactcgca 480
 aacgcagcgc attccctaatt gtatgtcctt caccctcaaa ctgaaacgac gctgctgtgt 540
 ccgtggctcc gggtaactaa tttatccgca ttagaatagt cttgatacgg caccgtcgtt 600
 cattccacag ctgatagggc agaacagtca taaagaaaat atctggagta catacaacga 660
 tgatccgctt ttgctcaagc aatgtctcgt ctatgtggtc ttggttctgc gcttgagcat 720
 ccagcattga ctggctcgtt tctgagagt gtacggaggc aggcattctt aattatctat 780
 tcgctgcgct ttactccgac ttagggctgt ggtcttgccg gggtttgtat agagaagatc 840

ggcgggtggg tgaggagtcg gaacggggat acgttttcgt gatgcagcgt caaaattggt 900
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<210> 7648
 <211> 205
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7648

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 gtatcaacga tcacgttcag tgaccacacg aagaaaacat taaaccgtac ccgctataca 180
 taaatcccga atctcctgga gaacc 205

<210> 7649
 <211> 609
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7649

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 aaccagggcc caacaccatt tttcgogaag aagttcctcc ctgagctgca gcctcagggt 120
 ttccgtccgc gcacggcaca gaacttcgca cccacgaccc cagcatcatc aaggtcggaa 180
 gcatatacta ctcttacagc gttggccoga gcatcacaat ccaccaggct tttagcctcg 240
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<210> 7650
 <211> 670

<212> DNA
<213> Aspergillus nidulans

<400> 7650

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atgcagaggg tggctctctg gcgattacta ctcttgggtt actcagcaaa agaacagacg 180
cgatcaggaa gtacatcatc gtaaccggca gctctcgtgt tgccggggat atcatagcca 240
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ccggcgctg tcatccattt cccagggcac ccggtgaata ggcttgtgcc agataacgat 420
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cggcgccatg tgttgccggg cgtgagggtca tagactgtgg ttccaggtgt ttaatgcaga 540
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gggtgataga 670

<210> 7651
<211> 803
<212> DNA
<213> Aspergillus nidulans

<400> 7651

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catctacgca gcaagaatga ccggcttgag aaaacagtat tgctaagtag aatataggat 180
cgctggagat aagtttagag gatagaattc atgaaaagag gtatagacag actcaacaaa 240
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gcctttagaa ctccaccatt cacgcttcga atttcatggt atgagaccg ctgagttacg 420
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<210> 7652
<211> 761
<212> DNA
<213> Aspergillus nidulans

<400> 7652

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aactcagact aaagcgatgc tactgcaagg acttcatagc ttcacaactg actagtccaa 480
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<210> 7653
<211> 499
<212> DNA
<213> Aspergillus nidulans

<400> 7653

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<210> 7654
<211> 913
<212> DNA
<213> *Aspergillus nidulans*

<400> 7654
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gttcacgggc tttgctcctg cctaaggggg agagtcgac gatgctgtga gacaaagaga 180
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ggccccgggt tttctgataga atcttactga ggtgcttaac ccgaaaatcc ttccaagtcc 300
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aagatcattt atttaaaggt tgaaacggcg acgctcaaac cacgcccga ctcaatcggc 480
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913

<210> 7655
<211> 1188
<212> DNA
<213> *Aspergillus nidulans*

<400> 7655

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<210> 7656
<211> 709

<212> DNA
<213> Aspergillus nidulans

<400> 7656

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agggtaaagc taaggtcaag tagattgggg agctagcgat aaacttgggg aagccatttt 240
cactgagatt atttagaagc ctatcactat ggatattctt acagtacatt cacttcccaa 300
aaaaaaaaa gaaaaagaaa aaaggttaaa aggagagact aagagctacg aggaaactag 360
ggttgcaa at tgcgcaaagt ccggaattcg tactagccgt tccatctgct ccgctaataa 420
tccgacgaca atttcaaccg acccatcatt cgcgcgtggg tgaaagctgc atatgcctgc 480
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<210> 7657
<211> 557
<212> DNA
<213> Aspergillus nidulans

<400> 7657

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<212> DNA
<213> Aspergillus nidulans

<400> 7658

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<213> Aspergillus nidulans

<400> 7659

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<210> 7661
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7661

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<210> 7662
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<212> DNA
 <213> Aspergillus nidulans
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<210> 7663
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<212> DNA
 <213> Aspergillus nidulans

<400> 7663

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 <213> Aspergillus nidulans

<400> 7664

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<212> DNA
<213> Aspergillus nidulans
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<210> 7666
<211> 138

<212> DNA
 <213> Aspergillus nidulans

<400> 7666

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<210> 7667
 <211> 569
 <212> DNA
 <213> Aspergillus nidulans

<400> 7667

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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<210> 7670
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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7672

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<210> 7673

<211> 537

<212> DNA

<213> *Aspergillus nidulans*

<400> 7673

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<210> 7674
<211> 800
<212> DNA
<213> *Aspergillus nidulans*

<400> 7674

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<210> 7675
<211> 410
<212> DNA
<213> *Aspergillus nidulans*

<400> 7675

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<210> 7676
<211> 973
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7676

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<210> 7677
<211> 844
<212> DNA
<213> Aspergillus nidulans

<400> 7677

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<210> 7678

<211> 109

<212> DNA

<213> *Aspergillus nidulans*

<400> 7678

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<210> 7679

<211> 1123

<212> DNA

<213> *Aspergillus nidulans*

<400> 7679

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<210> 7680
 <211> 110
 <212> DNA
 <213> Aspergillus nidulans

<400> 7680

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 tacttgagat ggatatgcac gcaggatgtc aagttcaagt aggagacttc 110

<210> 7681
 <211> 784
 <212> DNA
 <213> Aspergillus nidulans

<400> 7681

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aacatctgcc tccatagagt atcttcattc cagatacaag actcaggagg gactcggagg 180
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<210> 7682

<211> 487

<212> DNA

<213> *Aspergillus nidulans*

<400> 7682

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487

<210> 7683
<211> 1377
<212> DNA
<213> *Aspergillus nidulans*

<400> 7683

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<210> 7684

<211> 1497

<212> DNA

<213> *Aspergillus nidulans*

<400> 7684

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<210> 7685
<211> 866
<212> DNA
<213> *Aspergillus nidulans*

<400> 7685

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<210> 7686
<211> 1222
<212> DNA
<213> *Aspergillus nidulans*

<400> 7686

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<210> 7687
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7687

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<210> 7688
<211> 764
<212> DNA
<213> *Aspergillus nidulans*

<400> 7688

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<213> *Aspergillus nidulans*

<400> 7689

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<400> 7690

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<210> 7691
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<400> 7691

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<210> 7692
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 <213> *Aspergillus nidulans*

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<210> 7693
<211> 483
<212> DNA
<213> Aspergillus nidulans
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<213> *Aspergillus nidulans*

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<210> 7695
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7695

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<210> 7696
 <211> 1350
 <212> DNA
 <213> Aspergillus nidulans

<400> 7696

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 <213> *Aspergillus nidulans*

<400> 7697

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 <213> *Aspergillus nidulans*

<400> 7698

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<213> Aspergillus nidulans
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<212> DNA
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<210> 7702
 <211> 1471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7702

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<210> 7703
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7703

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<210> 7704
 <211> 516
 <212> DNA
 <213> Aspergillus nidulans

<400> 7704

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<210> 7705
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7705

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<210> 7706
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7707
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7707

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<210> 7708
 <211> 874
 <212> DNA
 <213> Aspergillus nidulans

<400> 7708

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<210> 7709
 <211> 928
 <212> DNA
 <213> Aspergillus nidulans

<400> 7709

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<210> 7710
 <211> 498
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7710

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<210> 7711
 <211> 707
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7711

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 <211> 1242
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7712

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<210> 7713
<211> 791
<212> DNA
<213> *Aspergillus nidulans*

<400> 7713

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<210> 7714
 <211> 649
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7714

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<210> 7715
 <211> 752
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7715

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<210> 7716
 <211> 1228
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7716

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 <211> 183
 <212> DNA
 <213> *Aspergillus nidulans*

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 ccg 183

<210> 7718
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7718
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<210> 7719
 <211> 557
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7719

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<210> 7720

<211> 220

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7720

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<210> 7721

<211> 834

<212> DNA

<213> Aspergillus nidulans

<400> 7721

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7723
 <211> 493
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7724
 <211> 699
 <212> DNA
 <213> Aspergillus nidulans

<400> 7724

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<210> 7725
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 7725

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<210> 7726
<211> 1170
<212> DNA
<213> *Aspergillus nidulans*

<400> 7726

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<210> 7727
 <211> 1428
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7727

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<210> 7728
<211> 567
<212> DNA
<213> Aspergillus nidulans

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<210> 7729
<211> 1262
<212> DNA
<213> Aspergillus nidulans

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 <211> 1135
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7730

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 <213> *Aspergillus nidulans*

<400> 7731

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<210> 7732
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7732

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7733

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<210> 7734
<211> 540
<212> DNA
<213> *Aspergillus nidulans*

<400> 7734

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<210> 7735
<211> 565
<212> DNA
<213> *Aspergillus nidulans*

<400> 7735

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<213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

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 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7738

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<210> 7739
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7739

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 <211> 709
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7740

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<210> 7741

<211> 541

<212> DNA

<213> *Aspergillus nidulans*

<400> 7741

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<210> 7742
 <211> 1090
 <212> DNA
 <213> Aspergillus nidulans

<400> 7742

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 <211> 818
 <212> DNA
 <213> Aspergillus nidulans

<400> 7743

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 <211> 515
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7744

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<210> 7745
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7745

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 <213> Aspergillus nidulans

<400> 7746

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 <212> DNA
 <213> Aspergillus nidulans
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1174

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<212> DNA
<213> Aspergillus nidulans

<400> 7750

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<210> 7751
 <211> 643
 <212> DNA
 <213> Aspergillus nidulans

<400> 7751

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 aacttttggg actaagttta gatacatata actcaacact caagtctaga attcttcgcc 240
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<210> 7752
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7752

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<210> 7753
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7753

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<210> 7754

<211> 131

<212> DNA

<213> *Aspergillus nidulans*

<400> 7754

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<210> 7755

<211> 676

<212> DNA

<213> *Aspergillus nidulans*

<400> 7755

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<210> 7756

<211> 679

<212> DNA

<213> *Aspergillus nidulans*

<400> 7756

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<210> 7757
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 7757

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 aatataattc actaatggga tgaggtatcc cctctcattt ttctaaacac agcccattag 180
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<210> 7758
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7758

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<210> 7759
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7759

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<210> 7760
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<212> DNA
<213> Aspergillus nidulans

<400> 7760

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<210> 7761
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<400> 7761

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<210> 7762
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<400> 7762

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7763

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<210> 7764
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7764

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 7768

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7769

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> *Aspergillus nidulans*
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7774

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<212> DNA
<213> Aspergillus nidulans
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 <213> *Aspergillus nidulans*

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<211> 625

<212> DNA

<213> *Aspergillus nidulans*

<400> 7780

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<210> 7781

<211> 512

<212> DNA

<213> Aspergillus nidulans

<400> 7781

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<210> 7782

<211> 510

<212> DNA

<213> Aspergillus nidulans

<400> 7782

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<210> 7783

<211> 542

<212> DNA

<213> Aspergillus nidulans

<400> 7783

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<210> 7784

<211> 1074

<212> DNA

<213> *Aspergillus nidulans*

<400> 7784

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<210> 7785
 <211> 383
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7786
 <211> 766
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7786
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<210> 7787
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<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 7788
<211> 566
<212> DNA
<213> Aspergillus nidulans
<400> 7788

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<210> 7789
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 <213> *Aspergillus nidulans*

<400> 7789

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 ttgctcgatg gaggctatgc cagtgccaac caaaaatcg atcaaaaaat tctaaggggt 660
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<210> 7790
 <211> 702
 <212> DNA
 <213> Aspergillus nidulans

<400> 7790

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<210> 7791
 <211> 1275
 <212> DNA
 <213> Aspergillus nidulans

<400> 7791

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 <211> 755
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7792

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<210> 7793
<211> 528
<212> DNA
<213> *Aspergillus nidulans*

<400> 7793

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<210> 7794
<211> 591
<212> DNA
<213> *Aspergillus nidulans*

<400> 7794

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<210> 7795
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<212> DNA
<213> Aspergillus nidulans

<400> 7795

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<210> 7796
<211> 416
<212> DNA
<213> Aspergillus nidulans

<400> 7796

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<210> 7797
<211> 612
<212> DNA
<213> Aspergillus nidulans

<400> 7797

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<210> 7798
<211> 819
<212> DNA
<213> Aspergillus nidulans

<400> 7798

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 <213> *Aspergillus nidulans*

<400> 7800

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<400> 7801

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<400> 7802

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<400> 7803

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 <213> Aspergillus nidulans

<400> 7804

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 <213> *Aspergillus nidulans*
 <400> 7806

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<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 7811

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 <213> *Aspergillus nidulans*

<400> 7812

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7814

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<210> 7815
<211> 164
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7815

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<210> 7816
<211> 598
<212> DNA
<213> *Aspergillus nidulans*

<400> 7816

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<210> 7817
<211> 924
<212> DNA
<213> *Aspergillus nidulans*

<400> 7817

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<210> 7818
 <211> 240
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7818

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<210> 7819
 <211> 1018
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7819

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<210> 7820
 <211> 899
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7821
 <211> 471
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7821
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<210> 7822
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7822
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 acgcaaccca gatatacaa tcatcatcat aaagctggct attacgtgtc tctcactccg 180
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<210> 7823
 <211> 1048
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7823

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<210> 7824

<211> 607
 <212> DNA
 <213> Aspergillus nidulans

<400> 7824

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<210> 7825
 <211> 881
 <212> DNA
 <213> Aspergillus nidulans

<400> 7825

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<210> 7826
 <211> 599
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7826

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<210> 7827
 <211> 1622
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7827

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<211> 1043
<212> DNA

<213> Aspergillus nidulans

<400> 7828

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<210> 7829

<211> 1238

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 7829

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<210> 7830
 <211> 640
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7830

cgttcatgta ctgtgggctg tgtgcgggaa tgtgtcactg gggaaagttt attaagccga 60
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 actcaagtgt catccgggga atcaagtggg tggacgtggg ggaattagt tagtagtaac 180
 tctacaaaaa cggaattacg aactgacaat tttcgagtag cttgggccct tgagtaagtc 240
 aggctctgat ggccgtgccg ttcactcccg tttctccact gcatcggggg ttcaactggg 300

gttttgccac tcactctccg cctcatcacc acgaccgact acctgccgta ctctcatatg 360
cgaactgcgc gcacctgcat tctcgacagt caagggacaa taacggggcgc cggctggcct 420
cgaaatgcgc gtgcttacga aatgatagat tgtccctgtg ttgacaccga gttcctctac 480
aatttcgacc tgctggagcg gccccgcagc ctatatctct tcaccttcag ccgttggtcg 540
atgtacatat tcgatcccaa ctcagcctcg cgcgtcaagc tcataggctg attgcatgca 600
taagagctgc ttccgtgggt ctacctgtga acgctgagag 640

<210> 7831
<211> 277
<212> DNA
<213> Aspergillus nidulans

<400> 7831

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agaagggcgg gggcgggcga tacgcagaat acaacggacc agccggggga agggcacggg 180
ggcccgcca gcggcagggg gataagggcg gagccgaagc gcgccagaa gggcggaacg 240
gccgcagggg gagggaccga ggacgggcag cgcccaa 277

<210> 7832
<211> 764
<212> DNA
<213> Aspergillus nidulans

<400> 7832

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gtccggcttg gggttcgtga tgtgcgcgcc gtagacagga agcgaggtat cttcgacaag 180
gcgctgggct atggcaggaa tggcgacgag gaagctattc gtgcctgtta gtctcaacaa 240
ttaactgcca tgcaatacgt gttgaactgg aacatacaag accggcagaa aaatggcgag 300
gaagatagtg ccggcgagaa ggtaacagca ccagaatcgt gcaaaatgcc ttttcagacg 360
ctgtcgtttg ccgagtttcc ctttcacgag gctgccaccg cttgcaaggg cttcgacgtg 420
ctcgatttct gcgcccttgc ccttgacgac ggaactatct gccttagccg cagcctcagc 480

ggcttgtttc tgggcctgtc gcgccttgta ggcgtctcct acggccataa tgetgggccc 540
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 ggcagggggag ggatgctcgt agtggggtaa tatggggttg ctcgccctg gcagatgggt 660
 tagttataat cgggggtagg ttactgacta tacttatcta gctccacttc ctccaatgcc 720
 gatctagtat ctacttaatc aatacttagc atcaacatgg acga 764

<210> 7833
 <211> 687
 <212> DNA
 <213> Aspergillus nidulans

<400> 7833

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 gcaatgggaa atgtacgtc aacaacccta ttccagaacc agacgtttcg cgatcacagt 180
 taacacaaca tcaaacagat cctcttcta atcgactaa ccctaatcat cggcctcgaa 240
 aaaaccatcg ccttcttttc ccgccgcaa aaactcaaag gcaccgccgc attcactctc 300
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 ctattcatcc tcttcgggtga tttcctcgtc acgattggcc aattcgccgc aaatataccc 420
 gttgtcgggc cggttatcca gcgggtccta gagacgctgg cggggggtag gaggaacgcg 480
 gagttgccag tttagtgtgc tggtaacgg attcatgatt cttgtttggt tatgcagggg 540
 tttggcttaa gtgggatgag cgtgttgaga attcaaggag acggaaatta agtaatgcct 600
 acttacgaag ttgtgaaggc ctgagtgggt ctcttcgata atgtctatat tactatgata 660
 acgaattaat atatctataa tgacctt 687

<210> 7834
 <211> 554
 <212> DNA
 <213> Aspergillus nidulans

<400> 7834

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 gacgatgaag gttatctgta aagaccgcca gaaaacgacg gctcctgaag gacgtgcgct 120

aaactcgggc gccggggata tcaacaagct tctcagcccc aaatcctacg agcagttgca 180
 gaagcttgaa gagcaggtca ggataaagct ggattcaaac gagectatcg atacggatta 240
 ttgggaggag ctcttacgca gcctcactgt gtggaaggct cgcgcaaagc tgaagagggt 300
 ctatcaagat gtcatactg agcgagttcg ggactacgt cggcaacagc gcgaggaagc 360
 tgagtcagtc cgtacgaagc tggcgccact ggcgcccgtg gcccggcagg gcacagcgaa 420
 aatcaacgag gaagagtttc gtgatctgga tcctgaccca ttgcttcaga ttcggtccaga 480
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 atatcccttc cacg 554

<210> 7835
 <211> 526
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7835
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 gcgctggagg gtacattcgg tgccattgaa gaaattggca ccgacgagga tgcagagaag 120
 gaggatcaac aaagcgaaag tgaagagaaa caacgcatga aagaggaggc tgatgaggaa 180
 ataccatgg agaagcctca agcatacctg gttatgggct gcgttgtaat cagataccac 240
 ccccggaact gcgaggtcga gcttcagtgg gaagggaaca tgatgaatga cgggattgcc 300
 gatgcagtc tggccgtcct acttactgtg gagagcagcc cagcatccgt gaaacgtatg 360
 tccccgcgca actcatactt gaattcttta tccatattga ttgttccttg ctaacaaaat 420
 ctaccaccag aatccgcaa gcacaataaa caccaccacc accaccatca cgatgaaacc 480
 gacaccctca aattccttaa tccgcacgct gctcaagatg cagaag 526

<210> 7836
 <211> 935
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7836
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gtcgcttccc ttggtggct attctttgtc ccctatcagt ggaaggggag tatagccaat 180
 aattcactcc tactcagggg caaatgggtc tggggaaggc acgtgcagtc cattaccgca 240
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 tggatcgoga ctggcgatgt ttacgatcga tctgctaact cgaaaccatc agcaaagtgc 360
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 agagacgcta gagtcgacca catgggtctga taagccggag attcatagct gctcatagct 480
 gcgaccccg c acacagtggg tgtgttttga agcctggctg tccaagggtt atgatactgc 540
 gcaacatgaa cgtaacaata atattgggtc accgtgacag acatggggcca gaaacatgtt 600
 ttgcgctcgc cagacggcag gtctgacgtc agattaccca cggctttgtt gagaatgctc 660
 tgcgtaaagt ggtccggggc cggagttctt attaacacc gtctcatgca agagctcaac 720
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 aaggcccttt gtggactgca tgt'aacaaag gcctcaagcg tgtgcaagac gaacgggcgg 840
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 gcctcatgtc gaccgtgcgt ctcaaggatg agggg 935

<210> 7837
 <211> 963
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7837

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 tgtccgggac tcgctcgatg aagaagagag gttgagactg cgggtgggtgt gcagaatcga 180
 ggccgatgtg gcggcggagg cgggcgcgtt cgttctctag ctcatctatc tgtatttcag 240
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 cgtcgattgt ggtttttggg tgtttcgtga cagagtgagc atgcgatact ttagtggtg 360
 gtgcggggtc agagagagag atgcttggcg ccattggatt cagaattagc gacattcaca 420
 aaagacgagg aagtagtca tgaaggcct agtgctcgag tgaattgcga ttcccatcat 480
 atatatatta gaaaaaagag ccagtcttaa attgcaaata atcattgact gcctggatgc 540

agcccaactc gaatcctctc ctgcttgac caataatgcc atgcatggtt gcatacacat 600
gaaacgtcta ggccaaatac agttacgtcg atgcccatt ctcttggtta aagggttga 660
ctgcgcgatt tatgggctga acatagagag ctgaagccaa ggcacagacc gcattttatt 720
tcttcacag cgcagggtt gagatggagg acctgggtgg agtgctacca agttcctcgc 780
tgggcagtct atatagccag ctccagacct gctccagtac tgagccctca cgaggagggg 840
accgcatcca ctgcaatgag cagagtacaa aaatatacag aaaatataca aaataatatg 900
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tga 963

<210> 7838
<211> 1139
<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7838

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ccagaacgag ggagccattg tgggggtcgg tgcggctccc gctgagga cgatgggtag 180
gcgaataccg acggttcgga cggatcaatg acggcggagg cagctgagcg ttccagctat 240
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cagccaaaga atgcccacct gggttgaa tgtaccgga gcaagcaatc cgcaatcacc 420
aagtcggccg gccgtgagtg ggagattctt tctctgttcg ggctgttctg gatcgctgga 480
gcctatttac cgagacagac cctggactgc ggaaagatca gacgagtggc aacagaagag 540
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gaagatcaac caaggaacag gctcgggct taccactctt agcaccggcg cccggaactc 660
gcggtagcag ggtttccagg gtgagtcaag gtgaaccagg gtataaagta gcgtataagt 720
agtgtataag cagggatatag cataagcagg atagattcag aggatgttcc caatgaggtg 780
tgaggcggcc agacatacac tgcaatagac atgaggatga gcgtgccng tctatcgaga 840

gacagccgta gatagaatat cgcacataag gaagagagag atagagaaca acgactgggt 900
 cgagcgatag ccatagtcgg ctgacgcgta tgctgaagaa gcatgcatag ccttcttaca 960
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 aaataggtgt ggtgtgctgt ttttttacct tttttagtgg gttttttttt ttaccgaata 1080
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<210> 7839
 <211> 421
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7839
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 cccgcatagc ccctatccac atgcgctcgt tcaatgacat ctagtaggaa acccaccgac 180
 tccgcggcgg agatcggccc cttaaaagcc ggcgcatagc tcgcaaaactg ctggaacatc 240
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 cccggcgaga gagccaggaa cagaatcccg tccttgccgg actgcgcgct gaactttgca 360
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 t 421

<210> 7840
 <211> 944
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 7840
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 ctgctgaggt cgtcccttc gagtcttgaa tggaactgta tcttactcg tttccgttct 180
 tgtctattgt ctataggaaa tctcggctaa agagtagggg tccttctgag atatggacaa 240
 gactccttga tcaacttgac actcctcaac tttccggta cgtctctat ttctcacggc 300
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actctcgctt ctagctgcct gcacaccac tggatcgtgt gtctaagccg cttagaccgg 420
aatggcaac aactggatct cgatcttgaa atttcgtata tctggcgaaa ggcgggtctt 480
tctgtgctgg acggaacttc tgcgtcggac gctaggatgg actttctggg tcttctgaat 540
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cagaatccgg ttctctggtg gatgtgatga ttatgaagcc atactgtcct gaaagtgtgg 660
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cttcatcgaa cccatattcc ccgtgagaat cgccataatc accttcacca acatgcgatg 780
aatcatcccg aaccagattt tcttgactag gcgcagccgt aacccccacg ggcagtgagc 840
gcgcccttgc gcgthccgga gaccgttccc tcttcggctc cgtcctgttt gttcacagtg 900
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<210> 7841
<211> 893
<212> DNA
<213> *Aspergillus nidulans*

<400> 7841
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acggtgtgag catctgacag agctcttaaa gcaaaaagcag tacgctccaa tggctgtgaa 180
tgagatggtg cccttgctat atgctggaat caatggtctt atcgacagaa taccaattgg 240
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aataattata gcattcaatg cagccttctt atgagctacg gggagccac aatcagctgt 420
tctattgctg acttattgta ctttctctct cctattgtat tattcgaca agctttgact 480
gattacgcca ttaatatgac aatccacact ataacctggt ccctctttgc ccactagctg 540
ggcaacggat gtccagattt agtatgctat cctgggaact ttctgaacct atgttacgga 600
gtattgccct ttacagtat ctaggagtta tcaacctctt taagtgatca aacctcttac 660
acggaagtat gcactgatga gatgacaaca tataatgcag gttttcgtta gtacatagta 720
gcatagctaa ctctactcta catgccactg actcgagcgt ttctgtacac tgacatgtcc 780

ctagtatcgt aataattgca gcggccttcg ttgcctacat aatgtacaga cgcgcgagtt 840
 aaaataaacg tgaagtccat aggacaacct atgctggacc taaatcctta cta 893

<210> 7842
 <211> 467
 <212> DNA
 <213> Aspergillus nidulans

<400> 7842
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 atacggactg ctaatacccg tgaactcctt gatgattccc tcacgggcct tcttgtaaa 180
 ccccttggga tctctcttct cagcaacctc aatcggcaca tcaacgaata cctcgacaaa 240
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 gtcagcccg aaaggagaga tgaaactcgt gatggcgatt gaggaactgt cagcgaagag 360
 cttcgcgact tctgcaatgc gccggatggt ctattgcga tcagcgctcg agaaaaccgag 420
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<210> 7843
 <211> 1352
 <212> DNA
 <213> Aspergillus nidulans

<400> 7843
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 cgaccgatcc gtgcctccat tccccacctc agctattgaa gatcttcccg tcatcttgcc 180
 aatactgtag atgccgcggt atgctgagaa aactgagag ggggccacac ccccatatta 240
 tactacattg ggttaatgaa gtcgggttga atgtggaatt aaataaattg caccctatgg 300
 tacgtgaag tctatctctt gttaggctta cgctgcgtca tcgtcatcac agtttatatt 360
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 atgcgcgaac ctgttagcct tgagcagtgc gcatacgcaa ccagacgaag attgcggcga 480
 tcgatattcg gcgttgcaac aaatacccat cgggatttga tgggttgac ggagcctctc 540

ctgttcatac tacgggtcct cacgcaaaga cttcaatcaa attgtaggtt gaaaaccaac 600
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 gcaaccggtt ttacatataa ctctgcctt gagcgatcga cagtatttac tcgtcgacag 780
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 atggcaaatt aaaccatttt ttatatgcc tgttggtgta aatagcgtat taaaggaagg 1140
 catttttctg tattgcctta attataaaag cgcttgggcc ttataatgaa cgcaaatct 1200
 ttttctttta gttatgtttt attgtgtacc aatgaataat taaatatttt atatttttta 1260
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 gtgtctaattg aatgtacccc tccctcccc ct 1352

<210> 7844
 <211> 521
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7844

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 gaaccgctag agacatatgc aagacgtgtt gtgcgagcaa aaaccgctaa gaaaaggaaa 240
 gacaacttcg tccgtacttc gtctaataac tatcccttcc gagcgcgccg cttcgtcaca 300
 ttctgagatc tgggtcctgat ttttgacgcc ggctcatcgt cctctcgagg agtttcggcc 360
 ccagagcctg aaccactctg tgactcgacc tcaacttcgt tccgttctctg ctcacatcc 420
 tctttcgtaa ctattacacc gtcagaggcg ccatcgcttg tagatgtcga gaagcgggtg 480
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<210> 7845
 <211> 1493
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 7845

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 ggctcaagag aatgcagcct tagtgtttga tcagcatgaa cagtcatagc gaacgacatc 180
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 atcctccgag ttttgaaagt tcgcatatcc cacacaatga cagttttgtc tcggccagcg 420
 gacaatagag cattctccgt taacgaatat gataggctgc gtacaacaga aacatgcgag 480
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 ctaccggagg caagccggaa tgcaccgttg gagtggagg cagaatctag gtccatcatc 600
 tcgttgtcat catcatcgcc tgccatccca gtcttcggtt tcggtttttt tttcgaggac 660
 agttttccgt cgtgctccgc cgtgggtggt tggaagaagc ataaggctga gatcacacca 720
 ccatggccgt gaaagctatg cgtgatgtag ccacctcgga tatcccagac tttgattgag 780
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 gggtcgtctt aacaacggct ttggacatag ctggagagtt acaattaggt ctggagcttg 1320

tgtgaagttt ttagcgcgcc atgacctgaa tcaaaagatc gttacaagt atagtcagat 1380
cagttcgtct aggctcgttg tcggaacttt cgacactttt ttgaagcgtt tgctctgttg 1440
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<210> 7846
<211> 861
<212> DNA
<213> *Aspergillus nidulans*

<400> 7846

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<211> 1181
<212> DNA
<213> *Aspergillus nidulans*

<400> 7847

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 <211> 161
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7848

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<210> 7849

<211> 885
 <212> DNA
 <213> Aspergillus nidulans

<400> 7849

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<210> 7850
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7850

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 <213> *Aspergillus nidulans*

<400> 7851

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<210> 7852
<211> 523
<212> DNA
<213> *Aspergillus nidulans*

<400> 7852

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<210> 7853
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<212> DNA
<213> *Aspergillus nidulans*

<400> 7853

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<210> 7854
 <211> 1149
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7855
<211> 1791
<212> DNA
<213> *Aspergillus nidulans*

<400> 7855

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7856

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
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<210> 7858
<211> 635
<212> DNA
<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

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<211> 718
<212> DNA
<213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 7861

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<210> 7862
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<212> DNA
<213> Aspergillus nidulans

<400> 7862

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<213> Aspergillus nidulans

<400> 7863

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<211> 482
<212> DNA
<213> *Aspergillus nidulans*
<400> 7864

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7866
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<212> DNA
<213> Aspergillus nidulans
<400> 7866

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 <213> *Aspergillus nidulans*

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<211> 149
<212> DNA
<213> Aspergillus nidulans

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<210> 7869
<211> 280
<212> DNA
<213> Aspergillus nidulans

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<210> 7870
<211> 745
<212> DNA

<213> Aspergillus nidulans

<400> 7870

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<210> 7871

<211> 1140

<212> DNA

<213> Aspergillus nidulans

<400> 7871

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<210> 7872
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<212> DNA
<213> *Aspergillus nidulans*

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<211> 154
<212> DNA
<213> Aspergillus nidulans

<400> 7873

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<210> 7874
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<212> DNA
<213> Aspergillus nidulans

<400> 7874

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<210> 7875
<211> 910
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7876
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<213> *Aspergillus nidulans*
<400> 7876

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<210> 7877
 <211> 1287
 <212> DNA
 <213> Aspergillus nidulans

<400> 7877

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<210> 7878
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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7879
 <211> 645
 <212> DNA
 <213> Aspergillus nidulans

<400> 7879

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7882
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<210> 7883
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7883

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<210> 7884

<211> 1337

<212> DNA

<213> *Aspergillus nidulans*

<400> 7884

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<212> DNA
<213> *Aspergillus nidulans*
<223> unsure at all n locations
<400> 7885

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<210> 7886
<211> 1145
<212> DNA
<213> *Aspergillus nidulans*

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<210> 7887
 <211> 1030
 <212> DNA
 <213> Aspergillus nidulans

<400> 7887

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 <211> 160
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7889
<211> 897
<212> DNA
<213> Aspergillus nidulans

<400> 7889

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<210> 7890
<211> 485
<212> DNA
<213> Aspergillus nidulans

<400> 7890

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<210> 7891
<211> 136
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7891

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<211> 333
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7892

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<210> 7893

<211> 582
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7893

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 <211> 1119
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7894

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<210> 7895
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 7896
 <211> 283
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7896

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<210> 7897
 <211> 1510
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7897

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 agcgaatcgc acagantgtc ccgagcagct tntgtacgct gtgtacacac aacggccaga 180
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<210> 7899
 <211> 677
 <212> DNA
 <213> Aspergillus nidulans

<400> 7899
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<210> 7900
 <211> 1235
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7900

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<212> DNA
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<400> 7901

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<211> 153
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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cccagaaaag caatcgcgga ggacattgcg cagtcggacg acaaacggga ggcgcccgaa 120
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<210> 7903
<211> 189
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7903

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<210> 7904
<211> 830
<212> DNA
<213> Aspergillus nidulans
<400> 7904

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<210> 7905
 <211> 540
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7906
 <211> 420
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7906

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7908
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<210> 7909

<211> 863

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<213> *Aspergillus nidulans*

<400> 7909

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<210> 7910

<211> 685

<212> DNA

<213> *Aspergillus nidulans*

<400> 7910

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 <213> *Aspergillus nidulans*
 <400> 7911

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<210> 7912

<211> 1012
 <212> DNA
 <213> Aspergillus nidulans

<400> 7912

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<210> 7913
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 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7913

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 7917
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 7918
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 <212> DNA
 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 7919

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 <213> *Aspergillus nidulans*

<400> 7920

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 <400> 7921

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 <213> Aspergillus nidulans
 <400> 7922

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<210> 7923
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7923

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7924

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 <211> 1527
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<210> 7927
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7927

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 <211> 171
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7929
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7930
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 <212> DNA
 <213> *Aspergillus nidulans*

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 gcggaaaaaa attgcaagca gcaaagccgt tatgcagaat agcaaaaggc tacgggagtg 180

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<211> 803
<212> DNA
<213> *Aspergillus nidulans*

<400> 7931

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 caaggagaaa cgtggcgagg gttgcggatg cgttactggc gaaggagggg agtaagggtc 660
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 <211> 118
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7932
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<210> 7933
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <211> 880
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7935

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<210> 7936
 <211> 1244
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7936

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aataattaat aaagagaaga gaaggtaaga taaagacact taagctagac aaagagagcg 420
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<210> 7937
<211> 710
<212> DNA
<213> *Aspergillus nidulans*

<400> 7937

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 <211> 1537
 <212> DNA
 <213> *Aspergillus nidulans*

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 <211> 644
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7939

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 ctaggaacgc aggtcattgt gggcatggga ggcgggctcc ttaatgttcc cgtacactcn 540

gtgttcaggc gtcggcgagc caccaagaag tagctgccgt caccgccatg tttcttacgt 600
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<210> 7940
<211> 768
<212> DNA
<213> Aspergillus nidulans

<400> 7940

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gccaggcgag ttcaagaagt caaaagacat tttgagcctt ggacgcgcca taacctgctc 180
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ggtgccctcag gctacaaatc cctatctgtc tctgcgctcc gcactttaac actttgacgg 360
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acatgtgtga gcaaaaaggt caagtgcgac gagattcggc ctcaatgtgc gagatgcgtt 660
cggctttacc tgggtgtgcgg ggtggcctgc accgaaaccc ttgctagctt caagacggcg 720
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<210> 7941
<211> 484
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7941

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tatccctcac cctagtcagg cagaactgaa tatatttaaa tcgttttaaa agaaatttag 180
taaattatta ttctagttt attttaatat aaaaaaattt atatcttgat attaatagct 240

ctcatatatt tttcttagag taatattttt ctttactaaa ttaagtttaa ttatataacc 300
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 tttatataga aaataaaatt ctagctaatt aagcttaaag tttttacgta gtttagatat 420
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 ttaa 484

<210> 7942
 <211> 330
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7942

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 tatctcgccc aatcacgtga tgctgtccgg gccgatgac gccacatctg tatcgcaggt 180
 gtgcttttagg gcaagcccag gtgattctag ctagactatt catcacgaaa cegtgaacac 240
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 ccgtaaactt cacttaagct tctgcaaata 330

<210> 7943
 <211> 710
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7943

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 cgtcggcagc aaactcttcg aatcatctc ctgttggtta aacgactgcg gaaacgcagc 180
 tattgctgca acaatcgcaa tggcgataaa aatgagagag atcagggacc aaagaagacc 240
 ccagcagcgt gaggacccgc catagcgtcg cgcaaagaca cttgcgtctg aggaattcac 300
 ttgctggagg atgaggctgt cgcactgcaa caacatcccg ttagcggagc taggtagagg 360
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 atgaataact acaaatcaat cattcgtcag caccacagag tgtaacctct cccgatacca 480

cagaaaaggg ggaacatac aacaaccac ttcagtgcct ccccatgcgc aataaaccag 540
 cagcgaacca acagccccac cgccaacaag actgtcacga tcgtcaaaag atccctcctc 600
 gccaccaga gtgtgagcag aaagcacaca ccagtagcaa tactagccac tttgctggca 660
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<210> 7944
 <211> 1495
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7944

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<210> 7945
<211> 640
<212> DNA
<213> *Aspergillus nidulans*

<400> 7945

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ctatgagtgt catagacact cataaccgcc actatcaccg acaaccctgc tcaaattatg 180
gctgcccgagg ttctcaacta cgtttacgta ggtataggac tttctgtgat ccccggtgtc 240
caagcggaga ttagcataga tactgcatga cttcgcaacc gatccgcaa aacaaggacg 300
aacagttcca gccgaagtac ggggtctagtt gtcgggacgc accagcttag tctcacattg 360
gaaggcgtgg tcatcaatgc tgtctgctat ggtaccagtg ggcttctga taaccgcgca 420
tggcgcatcc ctctcggcct attctacgta gtcctacca tcatcgtggc ctcaatattc 480
ttccttccc agtctcccag gtggctgatt cggcagaata gagtggagga agcgaaggcg 540
agcctgcaga ggctttgcga gggggctttc aaagcggacc aagtcgacaa ggaatttaga 600
gagctggagt ttgcccttga aatgaggggtg agcagggaat 640

<210> 7946
<211> 154
<212> DNA
<213> *Aspergillus nidulans*

<400> 7946

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gcagataccg tcaactgccgc ctatacaggc tactcatgag cagatgagaa cgctgctgtc 120

gtatctgata ccgcaaacac attgttgtat atta

154

<210> 7947
<211> 793
<212> DNA
<213> Aspergillus nidulans

<400> 7947

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accctagctc agcaggcgac tccagtgcct acgccacagg tattcaacga ggagatgtac 180
acaccatatt ttgaattttc caaaacccca cgacgcggac cgatcttggt cctattgccg 240
ccagggggagg gaggggcaga aagctacttt aacaatatcg tcaagcactt gcccacgact 300
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cgggcaattg gcctcgggtga tactgaggtc ttggatccca ttcacatcat atcccaacca 600
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ctgaggagga tac 793

<210> 7948
<211> 657
<212> DNA
<213> Aspergillus nidulans

<400> 7948

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ctgctccttc tggcgggtctg tttgggggtc tgggtacatc aaaacccgcg gaaacctcga 180
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 ccaccacggc cggcggtcct gctctcggcg catcgaccgc tgggccacct ccaccggctc 420
 aatcacgcct taagaataag acgatggatg aaatcattac tcgatggcg actgacttaa 480
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 tagtcgagaa tggcagcagg gttcaaaaac tgtatggcag tacagtggac gctgaacgtg 600
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<210> 7949
 <211> 1004
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7949
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 atgtcgacta catttacatc aaatcctttg caacaccaa tgcgctcaat ccccaaagac 180
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 gggattgcgc ctacgaaaac ggcatggca tatctataat aaagatcgtt atatgattag 660
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agttgacgtt cagtatgcca tagttctgtt accgagccgg agct 1004

<210> 7950
<211> 629
<212> DNA
<213> Aspergillus nidulans

<400> 7950

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gaagaagccg ccggagatca tagctatgct gttcgtgcac cattgggaga tactgaactt 180
ttgcttcgac acggaccggg ctctgtttta gataaaaggc atgaccttaa atttcatctc 240
aatataagtt gcttatatcc aacaaatccg cttcccgcg gaattaatac aatgctctgc 300
cattgttact acctattaac ccattctgag tagacaaact gtcatacaa cacctgaaac 360
tgcacttaat tcatataccg attatctaca ccatatccgt gaaacagaca ctgctgtact 420
caatgaaaaa actcacctag gccgattcat acgatggcta gaccctgtga tcggtcattg 480
atgccacac gatcaccatc atgaccgect atttattcga cgttaccgaa ctgtaggtta 540
ttaagtgaga aaacaccatg agtgactact gactacgcc ataatgccgg ctgcttatcc 600
gtatctttcc acacttgta acatgcca 629

<210> 7951
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 7951

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tttgccctca tagcagtctt cagatcggcc ttcaatgtag ccagcaacgg cggcagtgat 240
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gagtcaggc caagtgaaag ggaatctgta taattatgtt tatgaggcag aatcggcgag 420

cagcggaggt gcagcaaaag gcgagagaa gctcatcggt cccgtgcgca attttgttct 480
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<210> 7952
 <211> 832
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7952

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 gaagaagtgc cgccgcaact ccgcagcggc caatccacac ttcatcagc ctccttggcc 180
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 aatacatggc ttttctcaaa cttccggaca tctcatatcg tgcttctaga gtcttcatgt 420
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 caagcaaacc gcccgatttt actgttcagt gaatttgtac gcactccttg ctggaatttc 600
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 taccgacgcc ccctacgagt acccaagcat ttgaggcaga taacctagat ccccccaact 720
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<210> 7953
 <211> 586
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7953

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<210> 7954
<211> 418
<212> DNA
<213> Aspergillus nidulans

<400> 7954

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gtgaggtgta gactacagag gtatggaggt atggaggggt aaggactgta caaagcctaa 180
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<210> 7955
<211> 1114
<212> DNA
<213> Aspergillus nidulans

<400> 7955

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<210> 7956
 <211> 864
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7956

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 gacgccttcg aagagcggaa ggcggaagat cgacatgaaa cccatctggc cagtcgag 720
 cttgtatagc ttgccaagct caggcggccc tccaaagaga gcagtctcca ttccaacttc 780
 cttctacatc tcgccctgat tcgcaaattc ttctgcagg atcttgggtcc acttgtcagc 840
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<210> 7957
 <211> 891
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 7957

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 gggacggcct ttctcttctc gaagttgaga tctagttgcc ctggtacatg ttaaattact 180
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<210> 7958
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 <213> *Aspergillus nidulans*

<400> 7958

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7959

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<210> 7960
 <211> 738
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7960

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<210> 7961
<211> 612
<212> DNA
<213> Aspergillus nidulans

<400> 7961

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<210> 7962
<211> 750
<212> DNA
<213> Aspergillus nidulans

<400> 7962

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 <211> 885
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7963

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<210> 7964
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7964

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<210> 7965
 <211> 814
 <212> DNA
 <213> Aspergillus nidulans

<400> 7965

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<210> 7966
<211> 521
<212> DNA
<213> *Aspergillus nidulans*

<400> 7966
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<210> 7967
<211> 541
<212> DNA
<213> *Aspergillus nidulans*

<400> 7967
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 <211> 846
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7968

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<210> 7969
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7969

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 <212> DNA
 <213> Aspergillus nidulans

<400> 7970

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7971

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7972

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<210> 7973
<211> 131
<212> DNA
<213> *Aspergillus nidulans*

<400> 7973

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<211> 568
<212> DNA
<213> *Aspergillus nidulans*

<400> 7974

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 <213> *Aspergillus nidulans*

<400> 7975

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<210> 7976

<211> 103
 <212> DNA
 <213> Aspergillus nidulans

<400> 7976

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 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 7978
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7978

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<210> 7979
 <211> 1114
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7979

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 <211> 963
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7980

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<210> 7981
<211> 569
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7981

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caggaactat atgtatgtgg aaggttttgg ttcatggcac ggagtagtta ctgacagatt 300
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gaacttctga tacgattgta ccaaagctgt ctagcttatt atgaggctca ttagcagaag 480
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<210> 7982
<211> 949
<212> DNA
<213> Aspergillus nidulans

<400> 7982

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catgagcctc ggcgggccgaa gcattcgatc atcgttactg cgatgcagga gaatatgaag 900
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<210> 7983

<211> 108

<212> DNA

<213> *Aspergillus nidulans*

<400> 7983

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<210> 7984

<211> 139

<212> DNA

<213> *Aspergillus nidulans*

<400> 7984

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 tcctcttttg gcattcgtc 139

<210> 7985
 <211> 143
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7985

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 gacagggttaa ttcaggtata ttt 143

<210> 7986
 <211> 651
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7986

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 gatcgacagg tgaattctcc tccactatat tttagcagct aagaatacca ggactcact 180
 ggactgaacg gaaaacgagt gccctgtaaa ggccggacgaa tgggagagag aaaaatgcgc 240
 gtatgcacgg accagccgat gggcccgcgc agccctaact ccaccggcta tacaagatag 300
 gtgtatactc tggggccactg aaggctcagc cggggcccaa gttttataag atataaaggc 360
 caggtttgag agccctctcg aggaaaatag aaaagacaac acacttatca tggctaaact 420
 cgagccctac gtcgacgatt actatctctg ggagtacatt ccctcccttc ctgcatctat 480
 catcttcgtg ctgctctttc tcgccgcaac gctcttccac tgctggaaag catggaaatc 540
 acgagctcga ttctgtatac ctttctgcat tggaggaata tgtacgttct aaccgctact 600
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<210> 7987
 <211> 629

<212> DNA
<213> Aspergillus nidulans

<400> 7987

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tatttttata gcgaggattt gcagcaaata cgacaggaag tcaggaacag gagagaagag 180
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ctaggcatgg ctgcgaggag tgcagaacgt gggaagagcc tcttgaaccc cagaatcaga 600
tccaatccca aaccagtact caagaaagt 629

<210> 7988
<211> 902
<212> DNA
<213> Aspergillus nidulans

<400> 7988

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<212> DNA
<213> Aspergillus nidulans

<400> 7989

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<212> DNA
<213> Aspergillus nidulans

<400> 7990

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tggtacgctc gtcccaaga 199

<210> 7991

<211> 1124

<212> DNA

<213> *Aspergillus nidulans*

<400> 7991

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<212> DNA
<213> Aspergillus nidulans

<400> 7992

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<210> 7993
<211> 137
<212> DNA
<213> Aspergillus nidulans

<400> 7993

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cgtcagtcag aattccg 137

<210> 7994
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<212> DNA
<213> Aspergillus nidulans

<400> 7994

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ggacatctcg acgcaagttc gcatggagg catctgggaa agggttgtgc agatcggcta 180

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<210> 7995
 <211> 668
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 7996
 <211> 143

<212> DNA
<213> Aspergillus nidulans

<400> 7996

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ccgttcggtt ctaccaacca gcg 143

<210> 7997
<211> 1244
<212> DNA
<213> Aspergillus nidulans

<400> 7997

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<211> 126
<212> DNA
<213> Aspergillus nidulans

<400> 7998

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<210> 7999
<211> 704
<212> DNA
<213> Aspergillus nidulans

<400> 7999

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<210> 8000
 <211> 728
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8000

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8001

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<210> 8002
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8002
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<210> 8003
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8003
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<210> 8004
<211> 620
<212> DNA
<213> *Aspergillus nidulans*

<400> 8004

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<210> 8005
<211> 988
<212> DNA
<213> Aspergillus nidulans

<400> 8005

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<210> 8006
 <211> 750
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8006

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<210> 8007
 <211> 933
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8007

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<210> 8008
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8009
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8009

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<210> 8010

<211> 99

<212> DNA

<213> Aspergillus nidulans

<400> 8010

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<210> 8011

<211> 730

<212> DNA

<213> Aspergillus nidulans

<400> 8011

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<210> 8012
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8012

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8013

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<210> 8014
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<212> DNA
<213> Aspergillus nidulans

<400> 8014

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<210> 8015
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8015

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<213> *Aspergillus nidulans*

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<213> *Aspergillus nidulans*

<400> 8017

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<213> Aspergillus nidulans

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<400> 8020

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<210> 8022

<211> 168

<212> DNA

<213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<400> 8031

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<400> 8032

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<400> 8033

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<210> 8034
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8034

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<212> DNA

<213> Aspergillus nidulans

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<210> 8036

<211> 990

<212> DNA

<213> Aspergillus nidulans

<400> 8036

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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<400> 8038

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<400> 8039

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<210> 8040

<211> 1710

<212> DNA

<213> *Aspergillus nidulans*

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<211> 1157
<212> DNA
<213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

<400> 8042

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 <213> *Aspergillus nidulans*

<400> 8043

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*
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<213> *Aspergillus nidulans*

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<210> 8048
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<212> DNA
<213> *Aspergillus nidulans*

<400> 8048

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<211> 1336
<212> DNA
<213> Aspergillus nidulans

<400> 8049

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<213> *Aspergillus nidulans*

<400> 8050

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<400> 8051

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<400> 8052

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<210> 8053

<211> 890

<212> DNA

<213> *Aspergillus nidulans*

<400> 8053

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 <213> *Aspergillus nidulans*

<400>

8055

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8056

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1533

<212>

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<213>

Aspergillus nidulans

<400>

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<212> DNA
<213> Aspergillus nidulans

<400> 8057

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<212> DNA
<213> Aspergillus nidulans

<400> 8058

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 <400> 8059

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1049

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<212> DNA
<213> Aspergillus nidulans

<400> 8061

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<400> 8062

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<210> 8064
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8064

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<210> 8065
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8065

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<210> 8066
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8066

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<210> 8067
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 <212> DNA
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<400> 8067

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<210> 8068

<211> 1160

<212> DNA

<213> *Aspergillus nidulans*

<400> 8068

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 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

<400> 8071

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 <400> 8072

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8073

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<210> 8074
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8074

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 <213> Aspergillus nidulans

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 <212> DNA
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<211> 601
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 <213> Aspergillus nidulans

<400> 8078

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 <213> Aspergillus nidulans

<400> 8079

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<400> 8080

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<400> 8081

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 cgatccaggc agattgaaat atgggacagg ccataatgac ctttacggtc atgttgagag 660
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<210> 8083
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8084
 <211> 522
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8084
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 gctcgcacct acgtaggatt tcttttatct gcagggttgc atctgcagac aggggatgat 180
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<210> 8085
 <211> 848
 <212> DNA

<213> Aspergillus nidulans

<400> 8085

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<210> 8086

<211> 853

<212> DNA

<213> Aspergillus nidulans

<400> 8086

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<210> 8087
<211> 883
<212> DNA
<213> *Aspergillus nidulans*

<400> 8087
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883

<210> 8088
<211> 869
<212> DNA
<213> Aspergillus nidulans

<400> 8088

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<210> 8089
<211> 1048
<212> DNA
<213> Aspergillus nidulans

<400> 8089

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<210> 8090
 <211> 841
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8090

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<210> 8091
<211> 158
<212> DNA
<213> *Aspergillus nidulans*

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acagcgacaa caggaagaa cggttgtcga actcgacg 158

<210> 8092
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<212> DNA
<213> *Aspergillus nidulans*

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<210> 8093
 <211> 695
 <212> DNA
 <213> Aspergillus nidulans

<400> 8093

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<210> 8094
 <211> 927
 <212> DNA
 <213> Aspergillus nidulans

<400> 8094

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<210> 8095
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8095

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<210> 8096
 <211> 958
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8096

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<210> 8097
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8097

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 <211> 116
 <212> DNA
 <213> Aspergillus nidulans

<400> 8098

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<210> 8099
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<400> 8099

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<210> 8100
<211> 551
<212> DNA
<213> Aspergillus nidulans

<400> 8100

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aagggaaaaga tacatcgcca atagagtagt tctatctata cagatgctca aggattgcaa 180
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<210> 8101
<211> 113
<212> DNA
<213> Aspergillus nidulans

<400> 8101

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<210> 8102
<211> 1121
<212> DNA
<213> Aspergillus nidulans

<400> 8102

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<210> 8103

<211> 210

<212> DNA

<213> *Aspergillus nidulans*

<400> 8103

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tgaagcgtat ccaaagctgc tcttaccggt cgaacatgag gaacccatca ctagatccgt 180

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210

<210> 8104

<211> 710

<212> DNA

<213> *Aspergillus nidulans*

<400> 8104

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gtgacccgtt cctcacaagg gccggcgcaa ttgggcgtat ctagactttc aatagtacta 180
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<210> 8105

<211> 1114

<212> DNA

<213> *Aspergillus nidulans*

<400> 8105

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 gatcatccac agttcgggct caaccgggct gcccaaacc atattccagt cacagagagc 660
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<210> 8106
 <211> 680
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8106

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<210> 8107
<211> 1009
<212> DNA
<213> Aspergillus nidulans

<400> 8107

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<210> 8108
<211> 515
<212> DNA
<213> Aspergillus nidulans

<400> 8108

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<210> 8109
<211> 1160
<212> DNA
<213> Aspergillus nidulans

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<210> 8110
 <211> 212
 <212> DNA
 <213> *Aspergillus nidulans*

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 gaagagcagc catcggcagt tgatggaggt ga 212

<210> 8111
 <211> 687
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8111
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<210> 8112
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8112

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<210> 8113

<211> 694
<212> DNA
<213> Aspergillus nidulans

<400> 8113

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<210> 8114
<211> 992
<212> DNA
<213> Aspergillus nidulans

<400> 8114

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 ttgcctagtc agtttgcccta ccacgctgag taaataatga atcgatcaat gaactatacg 780
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 atagaatatg cattgtatct cgttcctcga ggattcatgg aattaccgac tgggggaaac 900
 gagatttgag aactagtcaa gcgaagctcg ctcacgctg ctcattgctg aatggctggg 960
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<210> 8115
 <211> 520
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8115
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 gaacgagaac cccacgataa atgggatggg tgaaccgccg tgggagttgt acatgtgggt 180
 gagacgtgag gagaagaagg ctggacgtgg ccgccgcgcc aatggaaagg gcgttggtga 240
 taccaacact gagagccttg ataccgatga agaagccgcg atgctctcgc gggcgattga 300
 gtatcaggat ccagtatgc tgatgcgcta tgcgcagtat tgcaaggaga gacatcaaatt 360
 ggatctttac gaagagcaca tggggaaagc ggctgcttcg ggatacaaag acgcgtgccg 420
 aaaattaggc aattactact acctcgtcgc gacaggacaa tatccacggc ggggagcgcg 480
 gcctgccgaa agtgcggaac agccaggaac gcaggaattg 520

<210> 8116
 <211> 164
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8116
 atcaacaaca atcagtagct tttcgtcggc acaaatgatg ttgttagcga aagaagcgcc 60

tttgacgatg gactgagcgg cacgggcgac gtcagcagtt tcatccgcca ctggcgacgg 120
gttgccagcg cctgcggaac tcagacgttt attggtgtgt ttac 164

<210> 8117
<211> 908
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8117

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cacctttcct cccgtatcgc cagcattagc gaccatggtt cgcacatgag catcacaaca 180
acaacaggcc ggaccttcac aggccgaaaa gtcattgtct ccatcccaag caccatgtac 240
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gttgatgagg tcggcaacta ctgcctcacc tgcttcgtga atgggaagcc agggagggag 480
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gagacgtata gccggggcgc attagcgata tcaactgcctt gggccatctt acagagtata 660
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ttgaggcatt gagggggaag gaaaggtcca gtctgtagtt tgtctttatt gcaggtgaca 840
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tgcgaggt 908

<210> 8118
<211> 800
<212> DNA
<213> Aspergillus nidulans

<400> 8118

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 gaacaatggg taggggataa tggttaacgc gagaattcaa gatggactga taactataga 180
 cgataattgc tgatgatgac aggtacttat atggaattac acggcaagaa tcattctcggc 240
 tggcaagtgc tatggatagg gcactcttac gtgtgtgacg ctagtgacac agattgggtg 300
 tttggcactg ttgagattaa acaaacgtcg atcgtaatcg tattcaatat atgactgaca 360
 gaaggagaag gagaaaagac ctgagcagtt tagagaacct agatccagag cacgtggatc 420
 tcttgctcta gatctttcca tttcaaacct gaattcacgc ttcggggaat ggtcctttta 480
 ggaatgcttt tcttgctccg ttttgccac actactttgc cccgtcacat ttgtaataca 540
 tttcttggtg accaggtata aaagatTTTT ttaaacaata attcatatTT aactggacaa 600
 cctttaatgg gtatcccttt ttagagtctt catggcctca agcaggggtt taaccttcta 660
 taacaggttt tttggaacct tttgtcttta aacctgtat ttttttggtt caacttttta 720
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<210> 8119
 <211> 658
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8119

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 ctcaatatca tcaacggcac tcaaactctca tgtcacgaaa ctctcactac tggcgatcaa 180
 tccccgttc acaccctctg cggtagcgaa gacgctttcg actcttaacg agtccgttct 240
 cccgtctctg gttacagccg cactccttat aacgccagag tctcatacga gggcgtttca 300
 aagcgaaatc cgcgttctga caggtacagc actgaaggag ctgtctttgt tggttaaaga 360
 agtgcagctc attgcggagg aaaaggctga taagagaagc ctggaacagg cggaaaagga 420
 tgcagtcaca gcggtgacgg ggcgggtctg ggatgcttgc gatgtacttg ttgatgttgc 480
 cgcaagggg gttgtcggct tcgtggtcag aagggcacag gagtatagag acttggttcg 540
 agatgcggtg gaagagattg aggagtggga tccggatgag gaggggtgatg agtttttcga 600

tgactcctag acaatgggtga tgaatatgaa gctgggtctg tgacaccagg accaagga 658

<210> 8120
<211> 596
<212> DNA
<213> Aspergillus nidulans

<400> 8120

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gcttggccca cccatagatc atatccggca ccgggctgtt gcaatgatcc ggtatgatga 120
cggattttga gttcacatct ccaattccgt cgaccaagca catgtgaggt tgatcccaag 180
gaaaagttag ctggggacag gcagcagcgc tttccgcaca taaccgccg gtggcaacta 240
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ttgtgctggt cgagaccggg aataccggca caaccacaat cggagagcct caaagctctc 420
ggcgggtggag gtcttcagat cacctggcaa ctcatccaa tcgatttcgg aacgcaggtg 480
aggttgattc aactggtaa gacattccgg cgatgcgtca tttgtcgctt caacgccacg 540
agtctcgaaa gcctgagtct ttcagcatca tgaagattga cttcgagcct tttgat 596

<210> 8121
<211> 794
<212> DNA
<213> Aspergillus nidulans

<400> 8121

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aaataaaaaa ataaaaataa aaagacaaat tcaataaatc agacttggaa gcactgcagc 180
tctcccgctc cgatggaaag gtacgcgaag tagtgggttg agcgatccat caactgcccc 240
ctttcttgct ttttgtagg gttccccaac actggcgcca gaccaccatc gatatttcag 300
gacgcagcgc tgaaaccacc gatctgaggg atcggggcag ctgggcacgg tctttgtgac 360
tctctgaagc taatattgga attcggcttg cctggtcagc caacgtcttt caggctgggt 420
gtagctgaaa gggccagagg acgccgtagg agttgtgatt gctcccaaaa aataaaacgg 480

tggatgatga gtaatagtag gggaagagcg aaccaacagg ggcattggcgt cagggtcaggc 540
ccagccacca tctctcttga aggccaacat gaaactgatac tggaaaaaga acatagagga 600
agcaaattac tagagctctc caccagggcc cgccggggaa tcagagctag ggaaccgact 660
cttcggacag gtttgatggg ttgatggcga taccgcggat ggatccgaat ccagactcca 720
tctgcaccag acccgctctt cttaatcaat ccttcgcgtg gtgacgattc cgacgaaaaa 780
gaccagaatc aggg 794

<210> 8122
<211> 533
<212> DNA
<213> Aspergillus nidulans

<400> 8122

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aaccacttca ggataggtct atgaaaggaa tgaacgctgg ggagggaata tatgcttaag 180
aagcgagcat aatgcccata aatatcaatt cgagcgaggt tgagagcatc agcgatgacg 240
ggatagttta cttggctcgt cgcccgccgc cgcaggcgtc cttcccgatc ggaggcggca 300
ggcacgtgat tattctctgc cacctcaaga cacagccact actaccacgt taccagccac 360
cccgccgtta aggcagtgc catccaatgc cgcggagccg cctactagc ctcagggggg 420
gtttgtccac gactctacgt cagcttggtta tctcaattct tctgcctttg accagtcttt 480
agtttagcatt ttgcactcta ttttccgcac ttaaccaga cataattgcc tgc 533

<210> 8123
<211> 982
<212> DNA
<213> Aspergillus nidulans

<400> 8123

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catgccaggc ggatgaaaag ctcgggggtc accaaggggg cagtccgcga cgggttttca 180
agtcagaaag agctgcgcgc cattgcgaga ggggtggagg agtgggttgc gcatgaggat 240

ggggtggtttg ggctgttgca tgggcagatt ctatgttga agtagctacg ggttgacgga 300
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 atatctgaat ataataaata gattatatat atacatcacc gccatccacc tgcgtccatc 420
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 tcaatctggc ttccatgttg ctggtaggcc tcgcggctgt cgtatttgat gatcgcggtc 780
 tgttaggagt cagttctggc aaagtgagtg tgtactatgg gagagtggct tacgtatttg 840
 ggcattctga tggttattca gaggtagctg ttctgacca gtgcatccag tggaaagata 900
 aaagggggag gggctctaata tgcggggtaa gcttagtacg gggacgggat agatgacatc 960
 atccagataa ggcagccggc gg 982

<210> 8124
 <211> 854
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8124

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 gctcagcggg aaacgcaaca ttgtagtggc ttcggtgccc ggagaatgag ataatttggc 180
 cctcagttct ttcgtcatca caagcgagac aacgaattct tcgatatcac gggaaccctt 240
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 taactttatg attaagaact tgtcgtatgc ttcaaagacc tggtaaacia gtccagagtt 360
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 cgccaaattg tttgccctag actaatttcg gttctcagtc tttggaagtc acgtttctcg 480
 aacgcctcgg ccagcgagat gtatggcttc gacaatgact ggtatacccg ggtaacatga 540
 ggagcgacca aatttgggac ggaaaatagc tgggagtata gttagttaag ccgtgacatg 600

catttcggtc ccaaattaat caccttcccg tgcccaagca gattcgccaa aaccacttc 660
 ttgtatgctt ccaccataat tttgctgacc gagttagcgg ttggggccga tataacaatc 720
 cccaggcaat gagacgctg gtccacttc ttgagagcca tataaaccat cccgctgtac 780
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 aaatacgggtg ctag 854

<210> 8125
 <211> 1521
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8125

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 agcttgacgg aaccaccag catggagaat agcgtcgact ccgtcgatat ggtttgagcc 240
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 aataatctcg ttcgtaggct caggatcaac agcggcgta gccctccaac cggcagctag 360
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 tccacgcaag ggctcgcaac tggctttgat cgctgaaaga gccgctaata cgcttgcgag 480
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cccgcagttc ataccgtcca taatggtgaa cgaagtctct atccgcctta atttaccagc 1140
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 ctgatgagaa tgcgccatca tttcggtcga cactttaggg ctccagacag cgggtataatc 1440
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<210> 8126
 <211> 434
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8126

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 gcggcctccc tcggcgaaca gtatcagcgc tttcaaaaaa tcgtaccga attgctccct 180
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 atcgtcgtcc actccgtaat cctgcacgtc cccacctaga gcccgcgcaa gtgtgccggc 300
 ggctgcaca aacctgtaag ctgactccct attacgtcgc agcgtctgct gcaactcgac 360
 gatttcaggg gtgggattgg gggggtatct ccaggctctc atgatctctt ccatctgagg 420
 taaagagggt cagt 434

<210> 8127
 <211> 1078
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8127

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 gtagtgatca ggaaggtaac cacggccgcg atggcggtca gcacgagcag gcaatgatcg 180

ttccgccgcac agccttcttc tgcctgtca gccggagaag aaagagcagg atagaggtct 240
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 cttgatgtgc ctttcgatgg gatggcaaac acctactgca taggaaaatt tcgcacctgg 360
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 gacagtctcg ccctagtata gaactctgaa atccttaagc cattgtccac ttccaaggga 540
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 gagaagggcc tcgtcgcttg gatttgtaga cgcttacctg cggcaaacga gcgcgtccat 660
 acttgatat acaccgcag aaggccggca acagtcgcaa cagctggaaa ggcaagatca 720
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<210> 8128
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 8128

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tcagtaatac catcatcggc tcagattccg gcgcccttgc gaaaggtcac acagactaat 600
cgttttcggt tgcagacatc aaggagtcca tcacaaacgg tactcgattc aatctttact 660
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ccctgcctag ggaaacgatc g 1221

<210> 8129
<211> 1272
<212> DNA
<213> *Aspergillus nidulans*

<400> 8129
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gtcctcatct tgggcatcac tgttttcacc aggctggctt ggtgcggtgt ccttggtata 180
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caaccgtgcg gccagactgc ctgccccaaac aagcgcacaa ggcgtttgaa tgcacatcat 360
tgggtatgct caggctgcct acacagcgga gtctgagggt ggtgtatatc tgagggaaat 420
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tgcataataa ggccacaacc agtgcggtcc gataagtagg tccttctttc cgcggtactg 600
 aaaggggagc caacggattt ttgggaaaga acacaacaaa gagagtgagt ctgcaggaca 660
 agttaacctc gcaaactcgg caagcagagg tcgaagctta catcgcgaaa aagctaagca 720
 gctgtgttgc aacctgcaga atccctagta atcctgcaaa gcacgataac ccaactgacat 780
 ccttgacgca tgagacgtct tgcagcgtct gccgctgcga caccatgttt gccaaagcga 840
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<210> 8130
 <211> 138
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8130

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 caagtagata tcacgcaa 138

<210> 8131
 <211> 1001
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8131

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 atcatcaagc cttccttcct cctcaaattg cgtgggttag ttcaattggt aacggcatcg 180

gcagtgcagc aaactggctc ctatctaact ccggcctcat caacaatgtt ctcggcactg 240
 tgcattgcagt ttcaaacggc cagttttccg gcttagggac tctggagggc tatgtttattg 300
 tggaacctgt aactgcagca gaagaagact gcaaaaatga cttgattagg aatttttagaa 360
 aggcgaacaa gaagcttgaa gagcacgctg caaatttga agagccaccg aaggctccctg 420
 acgggtggcac acagtcaagt gcaaccctct cgggtctatg gacgaatcca ggtctcactg 480
 agggcgggta cgcgactcct gaaatgtaca gggacattgc aaagttccta acagaaagcg 540
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 cgaaaaaacg tcttctattt gtggcgcggg acgaagatgc agcaacggac ggtcctacat 900
 gggtcgtcac ttgtcagggt gattggaaaa caacctcact tgccaacagg gctccggaga 960
 aagtctctag gccgttgag caaaagcaga gtcgactgct c 1001

<210> 8132
 <211> 1183
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8132
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 tcgtcgggtc tggatgaatc cggcctgac ctgttcgagg ctcttcattc actggttttg 240
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<210> 8133
 <211> 783
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8133

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 aaaatcatcy tcatccaaac catcatcatc ataagcggtc gtctcaattt tgtcactcct 180
 cgacgcaact agcgacacct ttgtcttagc cgccttagtc ttcttgcttc ccttatcagc 240
 tgccctctcc tccttcatct tctcattgct cagcgtcgtc aacgcactag ccaccttctt 300
 aatatctcca ctaggcaatt ccttggccag ctgcttggcg aactccggca gccagagtgc 360
 atactcgggc ttcttgctct gcgcggtcaa aagcgggtaca agcgtgttcg acaacgtggt 420
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 cagcggcgcy cttctcggyt tgcctcctgt cactctcgtc gtccctcttcg tctcggcg 660
 ctttgcgcyg tggttttgtg ctctgctatc cgtgtgctt tgctcgactt gttggcgcy 720

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cgc 783

<210> 8134
<211> 934
<212> DNA
<213> Aspergillus nidulans

<400> 8134

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taacaacaca cgtgtttgtg cccactcgag aactaggcct ctccatgaag acgtttattg 180
cctggctctg gaattcatgg agagaaacag cccaatcctt gcacgagtac tactatgac 240
ctggaagact atcgaatcga tccttggact gtgtgccgtt ctttaagtag ttacactgaa 300
ttatggcttt ggctcctttc aggaagagtg aaacaaacag gcaccgcgtc agctcaacaa 360
ggaaccaagt gatctgacca ccagcctcgg gtaacttcgg cttacaagct tgactccctc 420
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cgatctgtcc tacaagcata tgcttgtgct aatctgatac ttgttgtttc cgattcgcag 540
aattcggatg aactcgaaac agtgatcttg aaacagtaaa ctgggaggct gggaagtgtg 600
taacctcaca acagtggtec aggaggacgg acaagcttca agacctctgc caactggatc 660
cgattccgag tccaagcaaa cttgcactag atccaggta tataagggtg ctgtcttcag 720
tttggttacc ttccaaagcc cccagcacc attttttaaa ccattgcttg cgcactcggg 780
ggctctgtcg ttgcttggct atttaagacc cagacctggc tcccagtgac tactgcgaat 840
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ctacaggaac ttaaattttc gaactttaga tacg 934

<210> 8135
<211> 789
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8135

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 acaaccggcc caagctgaac caagtccagc cgaacctgcc cgccgtgtgc atacaaccat 180
 aagaggccgc cagttggaca ttaccggact ggaaattgat ccagaatatc tcgaagcgct 240
 ccctgaggag ttgctgaag aagtgatcat gcagcaattg gctgagcagc gctcacaagc 300
 tgccgctgct ggcgaggagc ccagtgaat caatactgaa ttccttgacg cattgcctcc 360
 tgagattcgt gatgaactcc tccagcagga agcagccgac cgtcgacgcc gggaacgtga 420
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 ttcaggagga aggtcgaggc tcaccaatt cggcgatatc ccaagagtag atcaccgcca 660
 gcggacagaa caggccgacg atcaagagcc aaagaaacag caacgccgcc aaatngttca 720
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<210> 8136
 <211> 638
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8136
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 ccagcgggat tgtcctcaat gtatcgtctt tgatgtgtta atccgtcaaa agctttaaga 180
 ggatttaata cggagttata agtggttgag gaggaggctt ccaccgttca ataaacgaag 240
 gacggaccaa ccaaagcagc gggagctcca agtcagggtg cctgcaaccg cctactctcg 300
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 tcacgtcatc tcgctgctct tcagcttctc tgtagcccgc cgttccactt ttccgcttct 480
 gccctgagct gccctgttag tttccagcca ccaacgagcc agcttttcgg gccagcatc 540
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gttatctcgg tcgttttccct ctacgcagtc gttgcaca

638

<210> 8137
<211> 125
<212> DNA
<213> Aspergillus nidulans

<400> 8137

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aatcgcataa gctacgcgaa ctcagtatcg gtctaaaggt gcctctccct ttaagagttg 120
gtggtt 125

<210> 8138
<211> 831
<212> DNA
<213> Aspergillus nidulans

<400> 8138

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gctgggtatgc agcttgctga cgaggaactg gtagtactca tgcgcatacct gctgttgata 180
accagccaag gtctacacga aagtcagctt gtcgcagctt aagaactcgg aaatgcacct 240
actgggcttg cagccagga ggccagaagc aggttgagcg ccgcgaagcc ctccggcttg 300
tcgatgctgt ggaaatcggc aaaagcttca gcaacagcgc atccaatgca atccgaacc 360
gtgcaatcat gcggttggtg accattaccg agaaagtagg tactgaggat cggatcatgc 420
aatagcgtct gcagaatgac gttcaggtag catgtctgcc cgagattgaa caagcctcta 480
acgccttgct tcgcacacgg ccgccggtta gcgttgctct tgacgtaaag ttcgtcggcc 540
gagctctcgc taaaacgccg tttccttgcg actgcagggg attagctaac gaacaagaaa 600
ccgccggggc tcacgcggac cttttaatgt gctctctggg gttgctgata tgcacgttc 660
taggcctgta tcgtacacca aatcttcgca gccctggcaa aacaaagctc ggtttctcga 720
ctccatgtct gagcgaatta gctctgcagc cggtgccaaa tcaatacctt tcacttacag 780
aattgatgac cagtgttttc tgtgtgtgac ttccgggtcg cattcataca c 831

<210> 8139
 <211> 226
 <212> DNA
 <213> Aspergillus nidulans

<400> 8139

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 cacaggaccc ggtggcgagc aggagagctg ttcactcgga attcggaaga ttgataccga 180
 gagtgagctg taccgatgcc cacaagggtg aacaacgcaa tgaagc 226

<210> 8140
 <211> 575
 <212> DNA
 <213> Aspergillus nidulans

<400> 8140

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 cgggaggggg cgcatcctct gcgctggaat tcatactcct cctggcccca ttgcagccgg 240
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 aatcgacgaa gagaggggtc aattatactg gacagaccgg tgcgagttgc cctggggaaa 360
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 ggcttgccgg cttcatgaag caattcgac tgagcctttg tcacaagtca ggagatatat 480
 tattgactga ttttggccgt tttgtctacc gaattaaccg tgatggcaag aagaggtgtt 540
 gtaccggaag atgacaagct ttacaggcgt ttggg 575

<210> 8141
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 8141

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tctcattatt catagattct gtgtaatgta ccaataatct atcctaaacc acatttccca 180
ccaaggagca tctgacatct cagttatcct cgtactccag gccatgacca tacctgaaga 240
caggattctc cgtatcgaat ggcagatcct ctgcctgcgc ctgcacagcg tccattgacc 300
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cttcagtggg gttgacgacg gtatagttcc tggcggacat gaaggcggaa tcgaagcctt 660
cgatgtagaa tcttgtaccc tcaccagggt tggcgagagg aaggattgtc tgattggt 718

<210> 8142
<211> 392
<212> DNA
<213> *Aspergillus nidulans*

<400> 8142

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tctcactactg cgtcttcgca agaggcttgc gtacgccgta catgtaggca tgagttagata 180
tacttagata ttatataata tcatataata tgggaacagg gcaggatcga cggcgcatga 240
cgcaggacaa gaatcatacc tctagctatc tacgctatca gtatcttgag aatcgtaaag 300
taacaaaata tggctctgaa gctgggctct gaaatatttg ctaacctgtc tggatcagtc 360
acaatgtaat gatacgcttg caaagtagtt tg 392

<210> 8143
<211> 1151
<212> DNA
<213> *Aspergillus nidulans*

<400> 8143

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gagaccgcga agccgcgaac attgagagga cttttggtag aattcctgga ggactgagcg 180
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gtcgccacca atgccgacgg gtaattgtga gccttcattg aggggtggaca atccacaggc 780
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tagggtgccg g 1151

<210> 8144
<211> 450
<212> DNA
<213> *Aspergillus nidulans*

<400> 8144

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<210> 8145
<211> 838
<212> DNA
<213> Aspergillus nidulans

<400> 8145

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<210> 8146
<211> 1250
<212> DNA
<213> Aspergillus nidulans

<400> 8146

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gacatgcgat atcaaaagtt gaaggtggtg acaaggacga gcgcttgata tactaaaaag 180
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aacaagtta tggatatagac gatctttgta ttgcatacta ggttccagtg ccaagttcgc 660
gttgatcacc tcatctcgtc atcaagaatt acgagttacg gttagcgcca gtcagcccta 720
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<210> 8147
<211> 406
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 8147

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agctaacctc acaattaaaa ttgcgttgca gcctcaccct gcccgnnctt tccagttcgg 180

agaaaacctg ttctgttccc aaagctgcaa ttaaataaaa aatcggccaa aacgcgcgag 240
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 ctgaccttcg gctgcgcctt cggtcgggtt cggcctgcgg gcgaagcggg taatcagctt 360
 cacttcaaaa aggcggtaaa taccggttat cccacaagaa tcaggg 406

<210> 8148
 <211> 1741
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8148

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 caagagatca atcatcccag gatcgaggtc ggtcaggccg ctagagtcct gacctgggta 240
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 <213> *Aspergillus nidulans*

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8153

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ccgtcaagtg gaggaggacc ctgtatagtg aagcatcgga atgcatggac aagaccacta 240
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